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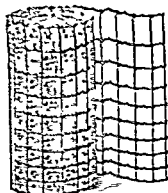
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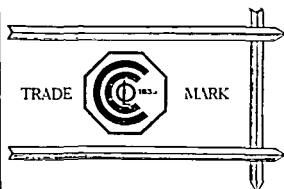
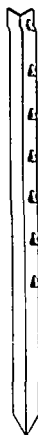
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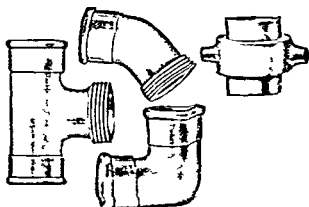
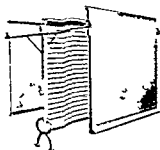


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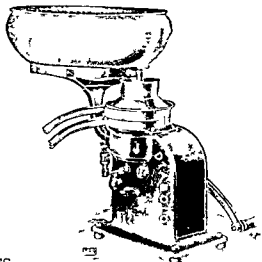
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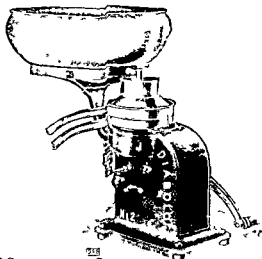
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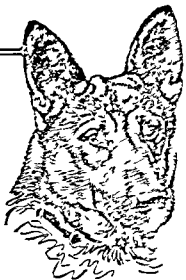
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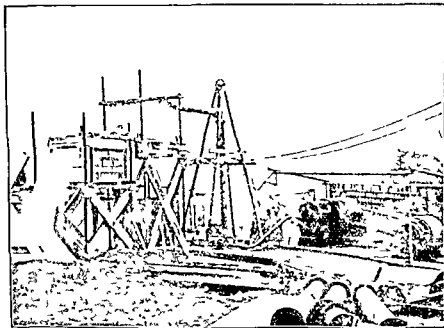
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Breed Societies, Livestock Officers

AND

Chambers of Agriculture

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THE PUBLISHERS
INTERNATIONAL DIRECTORY OF PEDIGREE STOCK BREEDERS
23 FLEET STREET
LONDON E.C.4

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(See detailed Index pp X & XI)

ABBREVIATIONS :

For Aberdeen Angus	Aber Angus	For Hampshire Down	.. Hampshire Dn
„ Belted Galloway	Beld. Galloway	Lincoln Long Wool	Lincoln L.W.
„ Dairy Shorthorn	D Shorthorn	„ Mountain Black Face	Mtn Blk Face
„ Dun & Belted Galloway	Dun & Beld. Gall	„ Kent or Romney Marsh	Romney Marsh
„ Illawarra Milking Shorthorn	Ill. M. Sh. thorn	„ Gloucester Old Spots	Glos. Old Spots
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„ Devon Long Wool	Devon L.W.	„ Yorkshire Large White	Yorks. (L.W.)
„ English Leicester	Eng. Leicester	„ Yorkshire Middle White	Yorks. (M.W.)

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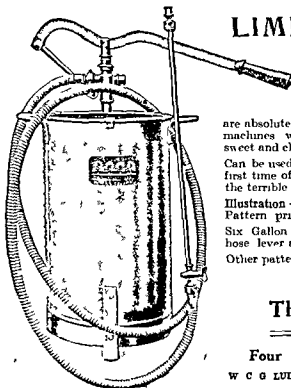
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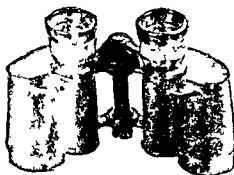
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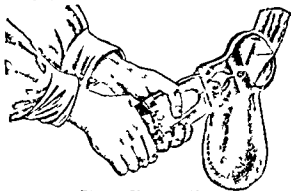
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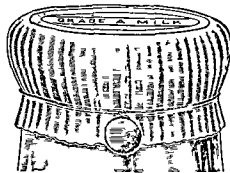
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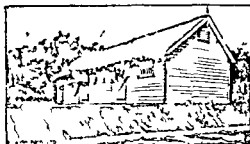
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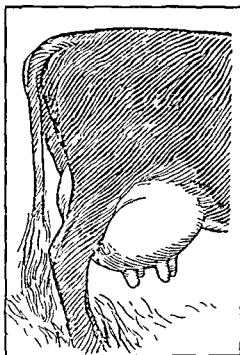
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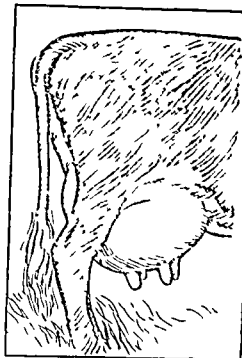
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LES ÉDITEURS

INTRODUCTION.

Live stock with acknowledged Pedigree is an invaluable international asset of continuously increasing importance. The art of the Live Stock man aims at effecting improvement in breeding by creating animals which are able to yield higher returns for improved conditions. This art must rest on the fullest knowledge of the capacity of each individual animal on the farm as only thereby is it possible to eliminate the chief danger in stock breeding—the element of uncertainty. An element of variability is always present through heredity, resulting from various causes the complex blood distribution by the mating process.

The uncertainty and variability factors can in a measurable degree be eliminated by mating with well proved sires only such females as have a satisfactory record of ancestry.

Nowadays all over the world an immense amount of capital is invested in live stock, but a large part of this is entirely wasted through breeding perfectly useless or low yielding animals. Lack of fertility, in ability to reproduce themselves, in vigour, and ability to improve the stock, improvement can only be achieved through the male and therefore, if the breeding is haphazard, great, often irreparable, damage is caused.

The important prepotency factor in the sire is not sufficiently considered and the selection of sires to inheritable qualities such as early maturity, etc., is often unduly neglected. In live stock breeding is therefore, imperative, and legislation should be adopted in every country of the world for the good of the stock against national waste. Undoubtedly the day will come when utility of stock will be controlled and laws will be adopted to enforce the elimination of any kind of stock only sires with inherited pre-disposition to high yield—in wool, milk, meat, etc., speed, egg laying, etc.—and adaptability to new environments can be used. All this makes for the necessity of knowing the family history of the live stock and their Pedigree.

My aim in compiling a Hand book for the Live Stock Breeder's Register of Breeders of Pedigree Live Stock, is to provide a means of information for Breeders all over the world.

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The Interchange of Blood in Livestock Breeding.

By COLONEL WENTWORTH Director Livestock Bureau Messrs Armour & Comp Chicago

Ever since mankind thought of livestock breeding as an art one of two general plans for the improvement of animals has been followed. The original plan was what might be termed out breeding or out-crossing, and involved the bringing of outside blood and characteristics into native stocks by the importation and crossing in of animals approaching the type it was desired to develop. The second system was of more recent origin and is known as pure breeding but it involves the selection of a type and the choice of animals for breeding purposes which most nearly meet this type. While it is all a question of degree, one system may be designated as cross breeding, the other as inbreeding, since one is based on the idea of the introduction of outside blood and the other is based on the idea of selection within related blood lines.

Up to about 1750 the system of bringing in outside blood was in preponderance. It is difficult to say just where it originated, but it is known that the Crusaders brought back Oriental horses to cross on their war horses in the hope of gaining the grace, agility, speed and quality that were characteristic of the eastern mounts. Still later from about 1500 on, there was a demand both for cattle and sheep of Continental origin to cross with the native British stocks of each. The importance of Flemish animals in the development of the old Holderness cattle, the Teeswaters, the primitive Ayrshires, the Longhorns, the Shorthorns and the Herefords is well known. Furthermore the introduction of some Spanish sheep into the Lowland breeds is of historic record.

About 150 years ago the popularity of the newer methods of pure breeding became widespread. Instead of continued crossing the establishment of so called pure blood lines and breeds was accepted as the conventional method of livestock improvement. Most breeders believe that selection for type not only unifies the characteristics sought but also stimulates further variations towards the ideal desired. Research in genetics during the last quarter century has effectively disclosed the fallacy of this latter idea. In fact, it has shown that in the normal processes of heredity improvements in any character, beyond certain limits can be secured only by crossing on to this character the hereditary factors responsible for further development. From the standpoint of future evolution of breeding this is probably the most significant discovery geneticists have made, for breeders previously knew no limitations to the methods of selection for type, pure breeding inbreeding, etc.

Commercially we also seem to have reached certain limits beyond which the methods of pure breeding subject us to the law of diminishing returns in a serious way. This is not necessarily a criticism of pure breeds, but instead measures the handicaps under which the system works. A pure breed, as we ordinarily recognise it, is far from purity as the scientists, either geneticists or chemists, would regard it. From their viewpoint, a pure breed would be one which would always transmit exactly the same characteristics in all of the germ cells it produces. Not only is the pure breed as recognised by the breeder, incapable of such a performance but it is seriously questionable whether, for practical purposes, the geneticists' pure breed would be desirable. In part, it is the degree of variation that exists in the various breeds that makes them adaptable to the climatic and environmental conditions which they have to meet when they are spread commercially over the world.

One of the interesting discoveries in the breeding of maize and certain other species of cultivated plants is that highly inbred strains which have a minimum degree of variability prove most desirable for cross breeding to other strains in the production of large crops. While neither pure strain may prove valuable commercially, and may each give yields amounting to twenty bushels or less to the acre, the crossing of two such strains may bring about yields from four to six times as great. The favourable results are credited either to the supplementing of the characteristics possessed by one inbred strain by those of the other inbred strain, or else to what has for many years been recognised as a stimulus arising from cross breeding. The geneticist has applied the name, heterosis, to this latter phenomenon. There are two schools of thought which ardently advocate each of these views. The concept of "Hybrid vigor" has been familiar for years but apparently the further the problem is investigated, the less foundation there seems to be for a belief in a stimulus due to the physiological fact of crossing, and the greater the opinion is strengthened that the characteristics of one parent, in a mating of unrelated types, supplements the characteristics of the other. Where controlled experiments have been carried on, the latter alternative seems most suitable for explaining the facts, and is in all ways preferable as a working hypothesis.

One of the interesting phenomena in connection with the study of crossing dissimilar animals has been that the benefits derived are related almost directly

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the degree of purity in each of the two stocks crossed. The principle is most easily illustrated in plants. If two varieties of maize are crossed each of which has been only slightly inbred in order to purify its hereditary makeup there is little or no benefit from the mating. On the other hand if each is decidedly pure the benefit is considerable. In swine the purer and more widely separated the two races are which are interbred the quicker growing and the more economical gaining of the progeny.

One can examine the law of diminishing returns in pure breeding best by considering the results theoretically obtainable if one starts with a scrub stock and continues to breed it up generation after generation by the use of pure sires. The first cross of the pure bred bull for example on scrub cows brings about a very definite improvement. The second also increases the value materially but to no such degree as the first cross. As the breeding proceeds the new generations approach more and more nearly the qualities of the original purebred type. Several of the British purebred societies have recognised this fact by permitting the registration of animals with a reasonable matter of top crosses. One eventually reaches a point however in which the cost of improvement becomes greater than the qualities gained.

There is no question for example as to the improvement that a purebred beef animal such as a doddie bullock shows over a grade animal such as the medium to good market steer available for slaughter. The characteristic differences are definite and are well understood by every animal husbandry student. Nevertheless production costs have increased to such a point that the refinements of the pure bred in conformation and finish are of no value to the consumers especially such refinements as often determine the final rating in the Show ring. The present methods of breeding and especially of continued selection towards improved types require additional use of very expensive pure breeds. The increase in consumption of meat however requires lower prices whereby meat-eating will be stimulated and cheaper production methods whereby the breeder and feeder can still obtain a profit. We have arrived at the apparent impasse of requiring better breeding at lower price levels whereas under practical conditions we can secure better breeding only through higher costs.

Obviously two courses are open. One is to develop our purebreds in the same manner as commercial herds but unless all the possibilities inherent in an animal are developed by good feed and care we can never know whether it will be worth while breeding from it. If we are to discover the relative possibilities of our breeding animals we must provide the means for distinguishing their differences. For better meat production we must actually realise these differences by feeding.

Recently there have been several interesting moves in the direction of producing younger animals and of increasing the rate of turnover. For example animals in the United States are being marketed so much

earlier and the proportion of breeding animals in the herds is so much greater that since 1907 the productivity per thousand animals has increased in cattle from 253 birth to 374 births annually. In sheep the increase has been from 332 to 422 in the course of the two decades while in hogs it has risen from 485 to 1,212. Since young animals are more cheaply produced than older animals this change is proving advantageous and it fits in very desirably with the growing demand on the part of the consumer for the smaller joints and cuts of meat. Nevertheless there are some additional costs in the production of young animals especially with reference to off season production and extra shelter which slightly handicaps this system.

One of the most fruitful avenues of approach is through the use of cross breeding. This idea is undoubtedly repugnant to most persons trained in the ideas of British husbandry but in Denmark and other countries producing high quality animals it has been quite definitely adopted. About one third of Danish bacon production depends on crossing two races of hogs the English Large White and the Danish Landrace. Danish Large White is much the same type as the British Large White but is thicker in muscling over the back and gammon and shows a broader turn of rib than the type winning in English Show yards. The Landrace is still thicker and heavier built being stronger boned and more rugged throughout. The approved system of bacon production is the crossing of these two breeds preferably Large White boars to Landrace sows. In each case purebreds are used the ordinary farmer buying pure breeding stock from Government approved breeders of each type of animal. At these so called Breeding Centres the standard of achievement is not Show yard winning or extreme production of any sort but rather the ability to beget litters that will make export bacon as cheaply as possible. All boars and sows recognised by the Government must first prove themselves Progenitors of commercially satisfactory pigs.

Not only must the carcass type meet certain standards however but the efficiency with which the animal produces bacon must also be satisfactory. When the testing system was started approximately four and a half pounds of feed were required for a pound of gain while at the present time all pigs tested average about three and a half pounds only. This average is apparently possible because the system of cross breeding is used. Extensive tests at one of the leading swine testing stations—Elsesminde—show that the Landrace averaged 3.79 pounds of feed for one pound of gain and the Large White 3.69 pounds. The cross between them however has averaged 3.6 per cent less or 3.23 pounds. At another station—Bregentved—the Large White averaged 3.55 pounds the Landrace 3.52 pounds and the cross bred 3.32 pounds. The advantages of the cross bloods are thoroughly apparent.

Not all breeders are ready to accept cross breeding as a solution of a method of reducing costs. Nevertheless the same general principles can be

to a partial degree by the use of out-crossing and interchange of blood within pure breeds. In the United States we have felt very definitely the value of importing purebred sires and females in Shorthorns, Aberdeen Angus, Jerseys, Guernseys, Ayrshires, and various breeds of sheep and pigs. In draught horses especially have we encouraged this system and at different times throughout the history of our breeding have brought over top representatives of the Clydesdales, Shires, Percherons and Belgians. There is little question but that such fresh blood, mated to the strains already established in our country, has proved of extreme benefit.

During the last few years this activity has been

precluded due to the fight against foot and mouth diseases, but at last the way seems open once more. The run of American breeders are even more prejudiced against cross-breeding, and in favour of the best blood, than are the British breeders. Without a doubt, the export of the best of the British prize winners to the United States herds will provide a means of maintaining the high level of quality desired and at the same time furnish that complementing of characteristics that is proving so suitable in the case of cross breeding practices. In other words, part of the gain resulting from cross breeding can be attained in the United States while the breeder still remains within the field of pure-bred stocks.

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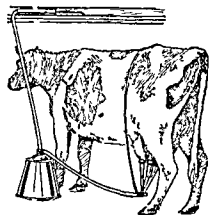
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Biological Research in America's Livestock Breeding.

By L J COLE Professor of Genetics University of Wisconsin Madison Wis USA

There are many lines of biological research which have a more or less direct relation to live stock breeding. Naturally the first to come to mind is that dealing with heredity, involving the study of Pedigrees and methods of mating. This is doubtless the most important from the standpoint of livestock improvement. Fundamental to this however, are those researches relating to the ability of an animal to reproduce, namely studies of the physiology of reproduction. These latter, as will be seen later, lead directly to the influence of internal secretions (hormones) and to problems of animal nutrition.

HEREDITY AND BREEDING—Previous to the re-discovery of the Mendelian laws in 1900 there cannot be said truly to have been any biological research in heredity as relating to livestock. Biologists were groping for a key to the door which would lead them into this field and, in the meantime with the microscope as an instrument they were gaining a knowledge of the structure of cells and particularly of the reproductive cells which was later to serve as a basis for the heredity studies which developed from breeding operations. Mendelism proved to be the long sought key, it furnished a method of research which was quickly applied both in Europe and America. Mendel's work had been with plants, but one of the first to appreciate its significance in animal heredity as well was the late Professor William Bateson at that time at Cambridge but later director of the John Innes Horticultural Institute at Merton Park. He and his associates particularly Professor R C Punnett, energetically undertook a brilliant series of experiments and observations which soon demonstrated that Mendel's laws hold equally as well for animals as for plants.

Investigators in America were not far behind in taking up the new lead among the first being Professor W E Castle of Harvard University and Professor Chas B Davenport, at that time at the University of Chicago but who soon after established and became director of the station for Experimental Evolution on Long Island. Unfortunately for the direct study of heredity in livestock, the larger domesticated animals are unsuited for experiments because of their slow reproduction and the space and expense required for maintaining them. As a consequence our knowledge of heredity has been largely gained with smaller animals, the most important contributor of all being the little fruit fly *Drosophila* which in the hands of Professor T H Morgan and those working with him at Columbia University, has provided the framework for a new science of genetics. Such definite knowledge as we have to-day of inheritance in the larger animals—cattle, horses, sheep, swine, has had to be gained for the most part from herd book records, the experience of breeders and by direct observation,

though there have been and still are in progress several definite experiments dealing directly with them as well. The knowledge gained with the smaller forms serves to guide these experiments and help in the interpretation of the results. As might naturally be expected practically all of the work with the larger animals has been at the various State Agricultural Experiment Stations or in the Federal Department of Agriculture and the same is true in large part for the smaller animals as well.

It would be impossible in a review of this length even to mention all the experiments with smaller animals which are gradually adding to our understanding of livestock genetics consequently they will be referred to only incidentally except where their contribution is direct. The work begun by Castle and Allen with guinea pigs and mice shortly after 1900 and continued by the former and his students on rats and rabbits as well has added much to our knowledge of the genetics of mammals. Davenport's early genetic experiments, on the other hand were largely with poultry and sheep. Further contributions to the genetics of the smaller mammals and poultry have been made by Sewall Wright (while with the U.S. Department of Agriculture) R Pearl (at the Maine Agricultural Experiment Station) C C Little (University of Michigan) L C Dunn (Connecticut Agricultural College), J A Dettlensen (University of Pennsylvania) W A Lippincott (California) G H Goodale (Massachusetts), H L Ibsen (Kansas Agricultural College), at the University of Wisconsin, and numerous other places. These investigations revealed the manner of inheritance not only of many superficial characters, such as colour of hair or plumage but enough of other characters, such as growth, abnormalities and the like to show that while there were often very complicated conditions the same general laws are of wide application.

STUDIES OF INBREEDING—The first systematic attempt to apply modern biological methods to the questions of methods of mating was the analysis of inbreeding begun by Pearl while at the Maine Agricultural Experiment Station. Pearl pointed out that inbreeding is a relative term a matter of degree, and that as a system its effect is to reduce the actual number of ancestors of an individual below the greatest number it might possibly have back to any given generation. For measuring this he devised what he called the *co-efficient of inbreeding* which indicated the per cent reduction in the ancestry. He recognized also the importance of relationship of any two individuals mated, the degree of relationship depending on the number of common ancestors in their Pedigrees. This might vary from none (no relationship) to all (brother-sister mating) and was measured by the *co-efficient of relationship*. Ellinger subsequently devised an elaborate

formula for combining these two coefficients into a single term to express the total amount of inbreeding and relationship back to any given generation. Since that time Sewall Wright has developed a coefficient of inbreeding from somewhat different premises. His is a measure of the amount of increase of relative homozygosity of genetic factors that might be expected from any particular system of mating carried on for any given time. This measure has proved particularly useful for studying the methods employed by the great breeders who founded the important breeds. Thus it has been applied by Wright to the early history of Bates' Duchess Shorthorns. The significant point is that after a first early intensive period the inbreeding was thereafter maintained at a nearly constant level of about 40 per cent. Wright and McPhee have also studied the Shorthorn Breed in general and the British Dairy Shorthorns by the same method. The average inbreeding in these latter is considerably less than that mentioned by Bates.

Wright's analyses of the results of the long continued experiment on the close inbreeding of guinea pigs carried on in the Animal Husbandry Division of the U.S. Department of Agriculture, furnish the most illuminating material we have regarding the genetic effects of this practice in animals. These results confirmed closely to what would be expected on the theoretical basis for which, incidentally, we are largely indebted to the investigations of East Jones and others on plants. They demonstrated clearly that while inbreeding will bring to light hereditary defects that are in the stocks used, it may also be employed as a means of purging the stocks of these defects and thereby creating a new stock better than the original. It is not too much to say that these fundamental experiments are bound to play an important part in the formulating of any constructive, scientific system of livestock breeding.

STUDIES OF CATTLE—The earlier studies on cattle were naturally confined to what could be learned from herd books or other existing records, or directly from breeders' experience and usually dealt with obvious characters such as colour and horns. W. J. Spillman in 1906 elaborated the suggestion made in 1902 by Bateson that the polled condition in cattle is a Mendelian dominant to horned and he formulated rules of procedure for breeders who wished to free their cattle of horns. Later experiments at the Iowa, Maine and Wisconsin Experiment Stations have tended in general to confirm this interpretation of horn inheritance. Colour studies in this country have been directed largely towards the inheritance of roan as found in Shorthorns and in bluegrays (Lloyd Jones and Evaard Duck). The relation of black and red has also received considerable attention (Cole and Jones, Gowen, Campbell). Hadley, at Wisconsin has made a study of a definitely hereditary congenital epithelial defect in calves which always results in the death of the affected individual. This has caused serious losses in some herds, but a knowledge of the simple facts of Mendelian inheritance points the way to get rid of the trouble.

A few definite experiments have been undertaken to demonstrate the effects of "grading up" in cattle, notably at the Sni-A-Bar ranch in Kansas, at the Iowa Station (McCandlish), and by the U.S. Department of Agriculture in Arkansas. The cooperative studies by the Department of Agriculture and the Texas Station on the effects and value of cross breeding Brahman and ordinary cattle are pertinent in this connection.

MILK PRODUCTION—Studies of the physiology and inheritance of milk production and attempts to apply them have naturally received a great deal of attention and have included investigations of diverse kinds. The long disputed question as to whether the milk that may be obtained at any milking is already formed and in the udder appears to have been definitely answered in the affirmative by Gaines (Illinois) and Gowen (Rockefeller Institute). The latter has, furthermore, demonstrated an apparently direct relation between the amount of secretory tissue and the amount of milk produced. He states that roughly an extra pound of milk will be produced for each additional one fifth pound of secretory tissue in the udder.

Numerous attempts have been made to find positive correlations between external characters and milk production. Gowen's extensive statistical studies have shown that size of the animal bears a closer relation to milk production than any other single character. Large abdominal milk-veins tend to be correlated with high production but Graves demonstrated that if these are ligatured the posterior veins could carry the blood from the udder without appreciably reducing the milk yield.

Before milk records could be used in inheritance studies it was necessary to find correction factors for certain variables that are characteristic of them. Chief of these is the age of the cow at the time the record is made. Pearl showed that production is related logarithmically to age, it increases rapidly with each succeeding lactation after the first until the age of about seven years after which it decreases more gradually. More detailed correction factors for particular breeds have been determined by Gowen and by Turner (Missouri). On the basis of such corrected records Gowen in particular has made extensive correlation studies of the production of daughters with their dams and other relationships. It has been recognized that one of the most important factors in raising average production is the selection of sires genetically capable of transmitting uniformly high production. This has led to attempts to devise methods of evaluating genetically the dairy sire (Gowen Turner) and to the practical finding of proven sires on the basis of the performance of their tested daughters (Graves U.S.D.A.).

Finally, attempts have been made to study the inheritance of milk production by direct experimental breeding tests that is the method of cross breeding which is commonly employed in genetic analysis. At the Wisconsin Experiment Station such an experiment was begun in 1912 and is still in progress. At the start Jerseys were chosen to cross with Aberdeen-

Angus, but later Holstein Friesians were substituted for the Jerseys, as having greater differences, particularly in size and in milk production. At the Maine station several breeds were used but the same general plan was followed of crossing low and high producing breeds so that the differences might be followed in subsequent generations. A third experimental herd, commonly known as the Bowler herd, was started from a cross of Guernsey and Holstein Friesian, with the idea of combining the high fat percentage of the former with the high production of the latter. The herd was subsequently taken over by the Illinois Experiment Station and has since been used for gaining further data on the inheritance of milk production. The results of these experiments so far, to state them briefly, are to show that in the case of both butter-fat per cent and production the crossbred is generally speaking, intermediate between the parents, and lead to the conclusion that both, as might naturally be expected, are determined by numerous (multiple) hereditary factors.

A Jersey-Holstein cross has recently been started at the South Dakota Experiment Station but it has been running only two years and results are not yet available.

These experiments, particularly that at Wisconsin, are also slowly accumulating facts on the inheritance of growth, size, external characteristics, tendency to lay on fat, relation of fat to lean, slaughter percentage, and many other characters, which should help to an understanding of the inheritance of such characters and may come to play an important part in a more scientific livestock breeding program.

An experiment being conducted at the Wisconsin station on the inheritance of resistance to infection with the infectious abortion organism (*B. abortus*), while not dealing directly with cattle, will doubtless be capable of direct application to cattle.

HORSES—There have been no direct experiments in America on inheritance in horses either as to colour or other traits. Many facts regarding the inheritance of colour have been worked out from records by Sturtevant, Wentworth, Anderson, and others, but when added to the studies of workers in Europe and elsewhere they still leave a great deal to be learned. Attempted studies of racing ability, gait, and other intangible characters, have yielded little definite genetic information.

SHEEP AND GOATS—Early studies in the genetics of sheep were made by Davenport, who pointed out that the occasional appearance of black sheep in flocks of white ones was the outcropping of a recessive Mendelian character ordinarily obscured by its dominant allelomorph. Later he and Arkell (New Hampshire) made an extensive investigation of the inheritance of horns in sheep and devised what was for the time a rather elaborate hypothesis to account for it. Since then many practical experiments in sheep breeding have been carried on in a number of States, but until recently very little of a genetic nature. Lush (Texas) has studied weight of fleece and studies in

wool are being made particularly by the Animal Husbandry Division of the USDA and at the Wyoming Experiment Station. Of late these studies are taking more of a genetic turn. Just now extensive genetic studies with sheep are being planned by Warwick at the Ohio Station. Experiments looking to direct application have been conducted in crossbreeding for lamb production (by several stations), breeding of Karakuls (Texas South Dakota), and breeding a tailless sheep (South Dakota) which should have the vigour, hardiness and length of staple of the Siberian combined with the fineness of fleece and mutton qualities of our native breeds.

The U.S. Department of Agriculture has conducted a series of experiments which seem to indicate the value of the practice commonly known as "flushing" to increase the relative proportion of twin births.

Except for incidental minor studies little genetic work has been done with goats. They would appear to offer exceptional material for genetic experiments as well as for physiological studies.

SWINE—The earliest genetic observations on colour inheritance on swine were made by a practical breeder in Illinois Mr. Q. I. Simpson, and by Spillman. Since that time a number of studies have appeared (Wright, McPhee, Wentworth and Lush, Warwick) dealing with colour and with some other characters, such as inheritance of mammae (Wentworth), the "mule-foot" condition (Spillman), and the inheritance of hernias (Warwick). Type studies are in progress at the Indiana station which will doubtless have an important influence on breeding. Inbreeding experiments with swine are being attempted at Beltsville, Maryland (USDA) and at the Oklahoma station (Craft). At the Iowa station (Lindstrom) an experiment is under way on the inheritance of resistance to hog cholera.

PHYSIOLOGICAL AND NUTRITION STUDIES—It would be impossible in a limited space to attempt to review all the physiological and nutrition studies having a relation to breeding. Of particular note, however, are the results obtained by Hart and his associates (Wisconsin) on reproductive failure on restricted diets and of Evans (California) on vitamin E, which appears to be contained only in certain foods and is related directly to reproductive capacity. While not directly genetic, these have an important bearing on breeding. The same may be said of the studies of the reproductive cycle and related hormones in guinea pigs (Stoccard and Papinicolau Hisaw), mouse (Evans and associates), rat (Allen and Doisy) and in the sow (McKenzie). Growth studies such as those of Brody and others at Missouri also play an important part in the interpretation of genetic results.

In addition to the foregoing, there are numerous investigations of a more strictly biological nature in progress in many laboratories over the country which are contributing to a fuller understanding of heredity and hence of breeding. These include studies of normal and abnormal development (experimental embryology), chromosome investigations (cytology), and in particular

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STUDIES OF CATTLE—The earlier studies on cattle were naturally confined to what could be learned from herd books or other existing records, or directly from breeders' experience, and usually dealt with obvious characters such as colour and horns. W. J. Spillman in 1906 elaborated the suggestion made in 1902 by Bateson that the polled condition in cattle is a Mendelian dominant to horned, and he formulated rules of procedure for breeders who wished to free their cattle of horns. Later experiments at the Iowa Maine and Wisconsin Experiment Stations have tended in general to confirm this interpretation of horn inheritance. Colour studies in this country have been directed largely towards the inheritance of roan as found in Shorthorns and in bluegrays (Lloyd Jones and Eward Duck). The relation of black and red has also received considerable attention (Cole and Jones, Gowen Campbell). Hadley, at Wisconsin, has made a study of a definitely hereditary congenital epithelial defect in calves which always results in the death of the affected individual. This has caused serious losses in some herds but a knowledge of the simple facts of Mendelian inheritance points the way to get rid of the trouble.

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MILK PRODUCTION—Studies of the physiology and inheritance of milk production and attempts to apply them have naturally received a great deal of attention and have included investigations of divers kinds. The long-disputed question as to whether the milk that may be obtained at any milking is already formed and in the udder appears to have been definitely answered in the affirmative by Gaines (Illinois) and Gowen (Rockefeller Institute). The latter has furthermore, demonstrated an apparently direct relation between the amount of secretory tissue and the amount of milk produced. He states that roughly an extra pound of milk will be produced for each additional one fifth pound of secretory tissue in the udder.

Numerous attempts have been made to find positive correlations between external characters and milk production. Gowen's extensive statistical studies have shown that size of the animal bears a closer relation to milk production than any other single character. Large abdominal milk-veins tend to be correlated with high production but Graves demonstrated that if these are ligatured the posterior veins could carry the blood from the udder without appreciably reducing the milk yield.

Before milk records could be used in inheritance studies it was necessary to find correction factors for certain variables that are characteristic of them. Chief of these is the age of the cow at the time the record is made. Pearl showed that production is related logarithmically to age, it increases rapidly with each succeeding lactation after the first until the age of about seven years after which it decreases more gradually. More detailed correction factors for particular breeds have been determined by Gowen and by Turner (Missouri). On the basis of such corrected records Gowen in particular has made extensive correlation studies of the production of daughters with their dams, and other relationships. It has been recognized that one of the most important factors in raising average production is the selection of sires genetically capable of transmitting uniformly high production. This has led to attempts to devise methods of evaluating genetically the dairy sire (Gowen Turner), and to the practical finding of "proven" sires on the basis of the performance of their tested daughters (Graves U.S.D.A.).

Finally, attempts have been made to study the inheritance of milk production by direct experimental breeding tests, that is the method of cross breeding which is commonly employed in genetic analysis. At the Wisconsin Experiment Station such an experiment was begun in 1912 and is still in progress. At the start Jerseys were chosen to cross with Aberdeen-

Angus, but later Holstein-Friesians were substituted for the Jerseys, as having greater differences, particularly in size and in milk production. At the Maine station several breeds were used but the same general plan was followed of crossing low and high producing breeds so that the differences might be followed in subsequent generations. A third experimental herd commonly known as the Bowlker herd was started from a cross of Guernsey and Holstein Friesian with the idea of combining the high fat percentage of the former with the high production of the latter. The herd was subsequently taken over by the Illinois Experiment Station and has since been used for gaining further data on the inheritance of milk production. The results of these experiments so far, to state them briefly, are to show that in the case of both butter-fat per cent and production the crossbred is, generally speaking, intermediate between the parents, and lead to the conclusion that both, as might naturally be expected, are determined by numerous (multiple) hereditary factors.

A Jersey-Holstein cross has recently been started at the South Dakota Experiment Station but it has been running only two years and results are not yet available.

These experiments, particularly that at Wisconsin, are also slowly accumulating facts on the inheritance of growth, size, external characteristics tendency to lay on fat relation of fat to lean slaughter percentage, and many other characters which should help to an understanding of the inheritance of such characters and may come to play an important part in a more scientific livestock breeding program.

An experiment being conducted at the Wisconsin station on the inheritance of resistance to infection with the infectious abortion organism (*B. abortus*) while not dealing directly with cattle will doubtless be capable of direct application to cattle.

HORSES—There have been no direct experiments in America on inheritance in horses either as to colour or other traits. Many facts regarding the inheritance of colour have been worked out from records by Sturtevant, Wentworth, Anderson and others but when added to the studies of workers in Europe and else where they still leave a great deal to be learned. Attempted studies of racing ability, gait, and other intangible characters have yielded little definite genetic information.

SHEEP AND GOATS—Early studies in the genetics of sheep were made by Davenport who pointed out that the occasional appearance of black sheep in flocks of white ones was the outcropping of a recessive Mendelian character ordinarily obscured by its dominant allelomorph. Later he and Arkell (New Hampshire) made an extensive investigation of the inheritance of horns in sheep and devised what was for the time a rather elaborate hypothesis to account for it. Since then many practical experiments in sheep breeding have been carried on in a number of States but until recently very little of a genetic nature. Lush (Texas) has studied weight of fleece and studies in

wool are being made particularly by the Animal Husbandry Division of the USDA and at the Wyoming Experiment Station. Of late these studies are taking more of a genetic turn. Just now extensive genetic studies with sheep are being planned by Warwick at the Ohio Station. Experiments looking to direct application have been conducted in crossbreeding for lamb production (by several stations) breeding of Karakuls (Texas South Dakota), and breeding a tailless sheep (South Dakota) which should have the vigour, hardiness and length of staple of the Siberian combined with the fineness of fleece and mutton qualities of our native breeds.

The U.S. Department of Agriculture has conducted a series of experiments which seem to indicate the value of the practice commonly known as "flushing" to increase the relative proportion of twin births.

Except for incidental minor studies little genetic work has been done with goats. They would appear to offer exceptional material for genetic experiments as well as for physiological studies.

SWINE—The earliest genetic observations on colour inheritance on swine were made by a practical breeder in Illinois, Mr. Q. I. Simpson, and by Spillman. Since that time a number of studies have appeared (Wright, McPhee, Wentworth and Lush, Warwick) dealing with colour and with some other characters, such as inheritance of mammae (Wentworth) the "mule-foot" condition (Spillman), and the inheritance of hernias (Warwick). Type studies are in progress at the Indiana station which will doubtless have an important influence on breeding. Inbreeding experiments with swine are being attempted at Beltsville, Maryland (U.S.D.A.) and at the Oklahoma station (Craft). At the Iowa station (Lindstrom) an experiment is under way on the inheritance of resistance to hog cholera.

PHYSIOLOGICAL AND NUTRITION STUDIES—It would be impossible in a limited space to attempt to review all the physiological and nutrition studies having a relation to breeding. Of particular note, however, are the results obtained by Hart and his associates (Wisconsin) on reproductive failure on restricted diets and of Evans (California) on vitamin E, which appears to be contained only in certain foods and is related directly to reproductive capacity. While not directly genetic, these have an important bearing on breeding. The same may be said of the studies of the reproductive cycle and related hormones in guinea pigs (Stockard and Papinicolaou, Hissaw), mouse (Evans and associates), rat (Allen and Dowsy), and in the sow (McKenzie). Growth studies, such as those of Brody and others at Missouri, also play an important part in the interpretation of genetic results.

In addition to the foregoing there are numerous investigations of a more strictly biological nature in progress in many laboratories over the country which are contributing to a fuller understanding of heredity and hence of breeding. These include studies of and abnormal development (experimental investigations (cytology), and in

studies of the physiology of sex such as those of F R Lillie and his associates at the Zoological Laboratory of the University of Chicago Their solution of the problem of the free martin is a good illustration of how biology is gradually solving some of the breeder's riddles

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The relation of the element iodine to the nutrition of the animal has received considerable attention during the past decade or so Though only a trace of iodine is found in the animal body (chiefly in the thyroid gland) it is a fundamental essential factor of life Its associations with the growth of the animal with breeding and fecundity with the production of wool hair and the like with milk secretion and with the maintenance of health are of intense practical interest to the stock feeder In the performance of certain of these functions the iodine acts

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IODINE AND THE SKIN—In the Prairie Province of Canada, according to Tinline, patchiness of wool regularly accompanies goitre in sheep. Iodine fed to the animals is an effective preventive. Experiments with Merino lambs at the Oberholz Station of Leipzig University demonstrated beneficial results on the fleece from feeding potassium iodide. The writer has often observed a beautiful condition of the skin of pigs receiving potassium iodide and has received a number of reports of the excellent effects of iodine in improving the fur of rabbits and the coats of dogs.

IODINE AND MILK SECRETION—Several Continental workers have reported increased yields and improvement of quality of milk from cows receiving iodine in their food. Little experimental work has been done in this connection in Great Britain but there is evidence that the supply to cows of an iodine-containing mineral supplement tends to raise the milk yield and to prevent infection with tuberculosis. Reports from farmers have come in to the writer of better milk yields in cows, sows, and ewes as a result of iodine feeding.

IODINE AND HEALTH—Tuberculosis, Johne's disease, and abortion to mention three of the worst plagues of the dairy farmer, may well result from a deficiency of one or more of the mineral elements upon which such heavy demands are made during lactation and it is important to bear in mind the influence of iodine upon the assimilation and retention of the elements calcium and phosphorus which play such an important part in the construction of milk. Professor Weiser, at Budapest, demonstrated with breeding sows not only appreciably increased growth in the litters of iodine-fed sows but also their "almost perfect resistance to disease" losses from these litters being practically negligible as compared with heavy losses in the litters of sows receiving no iodine. The prevention of joint-ill in foals by feeding potassium iodide to the pregnant mare is of great interest to the breeder. This treatment has been very successful in Canada and America and has given excellent results where tried in Great Britain. In one case within the writer's knowledge the feeding of an iodised mineral mixture to a flock of 400 Southdown ewes resulted, for the first time in the experience of the shepherd, in complete freedom from joint ill in the lambs. Experiments have demonstrated that potassium iodide or iodine is a valuable preventive of coccidiosis in rabbits and of bacillary white diarrhoea in poultry.

Walker and Taylor in India, and Vendel in Denmark, have demonstrated that foot-and-mouth disease can be cured in the febrile stage by intravenous injections of Lugol's solution of iodine. The treatment confers a considerable degree of immunity on the animals. But a careful study of the recent literature of the subject and of the uses of iodine in veterinary practice suggests strongly that many of the common epizootics might be prevented by the regular use of iodine in the food of the animal.

Rothwell (Dominion Animal Husbandman) writing in the Canadian "Farmer's Advocate," points out that we are not sufficiently familiar with the fact that,

while only the most minute traces of iodine are required for proper animal functionings, even partial interference with or diminution of this requirement or reserve may be reflected in most undesirable conditions, quite apart from goitre.

Goitre and hairlessness of newly born animals are very prevalent in areas of marked iodine deficiency and the supply of iodine to the animals is an almost certain preventive, indeed, it has converted districts from impossible to profitable conditions of live stock production. Further, though iodine deficiency may not be sufficiently marked in some areas to result in such well defined pathological conditions, there is no doubt that it often occurs in sufficient degree to interfere with optimum growth and reproductive power. "Stunted" growth, abortion, reduced prolificacy, and other troubles are sufficiently common to warrant the most careful consideration of the iodine factor.

THE SUPPLY OF IODINE—It is not too much to say that iodine deficiency occurs practically the world over. Vast areas of the earth's surface are known to be deficient in iodine, with effects which are only too apparent. Even in countries like Great Britain there is evidence that large areas are deficient in this element and there is considerable variation in the iodine content of natural herbage in different districts. The practice of cropping and grazing land without return of iodine to the soil has had its effect. Soil deficiency of the element is, of course, reflected in the crops and ultimately in the stock to which the crops are fed. Little is as yet definitely known of the iodine content of crops and food materials, but it would seem from analyses that have been made that iodine is very often entirely lacking in cereals and particularly, of course, in those grown in the notably deficient areas of America and elsewhere. Traces are found rather more frequently in green vegetables, silage, and hay, but even in these cases the iodine-content is dependent on that of the soil. The net result of a study of the subject leads to the conclusion that the natural supply of iodine to stock is a most unreliable factor. As an insurance against deficiency either iodine must be returned to the soil by means of iodine-containing fertilisers, such as Chilean nitrate of soda, or (and perhaps with greater certainty), iodine must be fed directly to the animal. For this purpose potassium iodate constitutes, perhaps the most suitable source, though for poultry and calves tincture of iodine may be supplied in the drinking water or milk. The amounts required are small, being measured generally in terms of fractions of a grain per head daily. Iodised salt, iodised concentrates and iodine containing mineral licks are all obtainable and represent suitable sources of iodine for all classes of stock.

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The relation of the element iodine to the nutrition of the animal has received considerable attention during the past decade or so Though only a trace of iodine is found in the animal body (chiefly in the thyroid gland) it is a fundamental essential factor of life Its associations with the growth of the animal with breeding and fecundity with the production of wool hair and the like with milk secretion and with the maintenance of health are of intense practical interest to the stock feeder In the performance of certain of these functions the iodine acts

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Livestock Breeding in Great Britain.

The distinction of being the world's foremost live stock breeders falls due to English and Scottish Stockmen, as in Great Britain the finest agricultural live stock breeds, yet created, are bred. All breeds of improved qualities such as are bred to-day, are the results of applying intelligence to the great problem of developing into fixed characteristics such exceptional tendencies in individual animals which seem suitable for further development. Experience has proved over and over again that when domestic animals are left to themselves they very rapidly deteriorate towards the wild state of their progenitors. English and Scottish live stock breeders were the first to have their eyes opened to the fact that there often prevailed exceptional tendencies in their animals, and they came to realise the enormous commercial value of these tendencies and set their minds on intensifying and developing them into certain fixed characteristics so that these could be transmitted from generation to generation, and thus the foundation for animal live stock breeding as an art was actually laid. Domestic animals were probably among the earliest possessions of man, and when he changed his nomadic life to that of cultivator of the soil, and became a settler, the first and most pressing necessity was to create beasts of burden. The steadily increasing consumption of meat increased herds and flocks, and the supply was drawn from such beasts when they no longer fulfilled their functions. When the industrialisation of Great Britain towards the middle of the eighteenth century changed the economic conditions, the cattle breeding industry was given more attention as the new centres of population around the towns where industries sprang up demanded ever increasing supplies of beef and milk. In this manner the live stock industry in Great Britain slowly developed, and as by degrees British commerce developed in overseas countries where the British settlers commenced to take up new pursuits, so the prominent British breeds were gradually introduced in those far away lands. From breeding raw boned long legged, slow-growing animals of nondescript value, the art of breeding by degrees turned the domestic animals into the high state of usefulness into which to day they are bred, and the transformation into short-legged, compact, well developed animals has indeed been remarkable.

The art of stock breeding has nowadays developed to a science which is chiefly concerned with the functions performed by living animals. This art must be founded on observations and experiments, and while the live stock men of Great Britain through remarkable energy and great skill succeeded in continuously improving their breeds, it is only of recent date that science has come to their assistance. True, the great men among live stock breeders who developed breed-

ing into a fine art were all highly endowed with a wonderful eye and an able hand through which they succeeded in selecting for perpetuation of their kind such animals which seemed to them most serviceable, but later on they were, perhaps, often carried by a desire to develop "fancy points," overlooking the chief value in the breed animal—its ability to reproduce itself. The scientific breeder to day admits that there is much more required to obtain success than the mere attention to form and structure. Selection of animals capable of reproduction has thus developed into a science, and with better understanding of scientific methods in breeding the British breeders will undoubtedly forge ahead and for many years to come rank among the foremost domestic animal breeders of the world.

There are many breeds of cattle, sheep, pigs and horses in Great Britain each of which early had its distinctive characteristics. Thus an early writer on the live stock in Great Britain truly stated that the breeds of cattle as they are now found in Great Britain are almost as various as the soil of the different districts, or the fancies of the breeders, and conveniently they were classed according to the comparative size of their horns. Like breeders of stock in every other country the stock breeders in Great Britain early concentrated their energies on stimulating production, and the improvement of existing breeds commenced in the districts where a certain type of animal had been bred since time immemorial. Thus where the soil was naturally rich and grain abundantly produced, stall feeding and intensive farming led to the creation of a heavier breed, the inherent qualities of which could be further developed through selected mating, while in other districts where the production of grass and forage was more favourable, and the existing breeds through the course of time had developed a certain ability for making good use of such foods, different types existed, and the live stock men in such districts rightly decided to develop these on other lines. In this manner, the magnificent breeds of England and Scotland have developed to what they are to day—the foremost breeds in the world.

The Live Stock estimate for Great Britain comprises Cattle 7,075,000 sheep 22,000,000, pigs 3,450,000 horses 1,430,000

HEREFORD CATTLE — The Hereford breed is among the foremost of the world's many beef cattle breeds, and wherever these white-faced, red-coloured cattle become known they rapidly obtain a position of great importance. As far back as in the year 1627 it was stated by a well-known expert on cattle breeding that no place in England produced better

cattle During the last hundred years or so the Hereford breed has passed through a process of transformation and to-day it develops in a remarkable degree flesh where the finest cuts are obtained. The Herefords are fulfilling all the requirements of the exacting butcher to-day. Among their many good qualities, their ability to exist and develop under the most varied conditions is outstanding. Another remarkable feature is a natural aptitude to fatten easily and to early reach maturity. They have proved almost immune to tuberculosis, a proof of great hardiness. The Hereford cow is a careful mother, and the breed generally is distinguished by prolificacy and prepotency. It is one of the foremost grazing breeds of the world, and although essentially beef producing, the Herefords are good milkers with fat milk. They have proved immensely popular in the British overseas Dominions, and it is no exaggeration to state that they are the foremost beef breed in the United States of America, while in Argentina they have almost become the national breed.

(Illustration page 19)

ABERDEEN ANGUS CATTLE—To day the beautiful Aberdeen Angus cattle can be found in every country of the world. Although a beef breed *par excellence* these cattle are by no means bad milkers. They are most pleasing to the eye, black coloured, on short, thick legs, and of a blocky build, and perhaps no other beef breed can show such a minimum of bone. For crossing purposes with other breeds the Aberdeen Angus have proved their value possessing singular prepotency as proved by the fact that whenever crossed with other breeds, the progeny invariably turns out black and hornless. Wherever imported the Aberdeen Angus always give satisfaction. In New Zealand they have truly contributed more than any other breed towards raising the quality of the beef, in the United States of America they have repeatedly been given pride of place at inter breed competitions and in several Australian States, even where the soil is not of the best they have always acquired popularity.

SHORTHORN CATTLE—Probably no other breed in Great Britain is so generally popular as are the Shorthorn cattle, concerning which it is stated that they now represent 72% of the total cattle stock of the country. The popularity of this breed in all civilised live stock breeding countries is increasing from year to year, and its capacity of turning roughage into beef and milk seems steadily increasing. Indeed as a dual purpose breed the Shorthorns rank indisputably as the foremost. Owing to the prepotency of the bulls, Shorthorn bulls are often preferred to any other breed for crossing, and the Shorthorn blood infusion in almost any other breed creates distinctive improvement, traceable through several generations. Although Shorthorns are bred in a number of civilised countries, with few exceptions no other breeders in the world have succeeded in creating such remarkable animals as the

British Shorthorn breeders, with the result that Shorthorn men in steadily increasing numbers annually visit the celebrated Shorthorn herds of Great Britain for the acquisition of stud animals. It is one of the most beautiful breeds, distinctly British in type and form, with a great function to fill for grading-up purposes, especially in those many countries where the indigenous cattle can be improved through blood infusion.

(Illustrations pages 20 21 22)

LINCOLNSHIRE RED SHORTHORN CATTLE—Since 1895 the Lincoln Red Shorthorns have enjoyed protection through their own Herd Book, and the number of breeders of this distinct type of Shorthorn has increased year after year, in fact, the Lincoln Red Shorthorns are to-day the second largest breed of Pedigree cattle in England. It is a commercially paying breed, with a high average milk yield, of early maturity, reaching the butchers' weight at an age of 1½ to 2½ years old. The breed is hardy, of a sound constitution, with strong, beautifully developed frame and, generally speaking combining all the good qualities of the Shorthorns. The origin of the breed can be dated back about 100 years when in the counties of Durham and Northumberland resulting from the original heavy Durham cattle which then developed enormous size although slowly maturing through selection and clever mating the present breed evolved.

(Illustrations page 23)

WELSH BLACK CATTLE—This ancient breed, until recently not much known outside Great Britain, deserves to come into prominence in a number of countries where its ability as a reproducer, its compact and heavy type and great fecundity make it desirable for grading-up purposes. There is a number of countries where the climate is hot but where vast stretches of tableland at high altitudes with abundant grazing, are specially suitable for live stock breeding and where the natural conditions are often similar to those in the homeland of this breed, and in all these countries there is a future for the Black Welsh. They thrive well and remain in good condition even when exposed to wet and cold and when fattened and slaughtered their dead weight takes a very high ratio to the live weight. These cattle are particularly suitable for grading up indigenous breeds in which the live stock man is anxious to develop fattening propensities. In many of these foreign countries it is the practice to let the calves run with the mothers, and as the Black Welsh have always been accustomed to grazing on the hills with their calves they have developed comparative immunity to tuberculosis.

(Illustration page 19).

SUSSEX CATTLE—These large sized, beautiful, red-coloured cattle are among the oldest breeds of England. They are distinctly a beef producing breed, and as such certainly valuable. The Sussex bull invariably

Livestock Breeding in Great Britain.

The distinction of being the world's foremost live stock breeders falls due to English and Scottish Stockmen, as in Great Britain the finest agricultural live stock breeds, yet created, are bred. All breeds of improved qualities such as are bred to-day, are the results of applying intelligence to the great problem of developing into fixed characteristics such exceptional tendencies in individual animals which seem suitable for further development. Experience has proved over and over again that when domestic animals are left to themselves they very rapidly deteriorate towards the wild state of their progenitors. English and Scottish live stock breeders were the first to have their eyes opened to the fact that there often prevailed exceptional tendencies in their animals, and they came to realise the enormous commercial value of these tendencies and set their minds on intensifying and developing them into certain fixed characteristics so that these could be transmitted from generation to generation, and thus the foundation for animal live stock breeding as an art was actually laid. Domestic animals were probably among the earliest possessions of man, and when he changed his nomadic life to that of cultivator of the soil and became a settler, the first and most pressing necessity was to create beasts of burden. The steadily increasing consumption of meat increased herds and flocks and the supply was drawn from such beasts when they no longer fulfilled their functions. When the industrialisation of Great Britain towards the middle of the eighteenth century changed the economic conditions, the cattle breeding industry was given more attention as the new centres of population around the towns where industries sprang up demanded ever increasing supplies of beef and milk. In this manner the live stock industry in Great Britain slowly developed, and as by degrees British commerce developed in overseas countries where the British settlers commenced to take up new pursuits so the prominent British breeds were gradually introduced in those far away lands. From breeding raw boned long-legged slow-growing animals of nondescript value, the art of breeding by degrees turned the domestic animals into the high state of usefulness into which to-day they are bred, and the transformation into short-legged, compact, well developed animals has indeed been remarkable.

The art of stock breeding has nowadays developed to a science which is chiefly concerned with the functions performed by living animals. This art must be founded on observations and experiments and while the live stock men of Great Britain through remarkable energy and great skill succeeded in continuously improving their breeds, it is only of recent date that science has come to their assistance. True, the great men among live stock breeders who developed breed-

ing into a fine art were all highly endowed with a wonderful eye and an able hand through which they succeeded in selecting for perpetuation of their kind such animals which seemed to them most serviceable, but later on they were, perhaps, often carried by a desire to develop 'fancy points,' overlooking the chief value in the breed animal—its ability to reproduce itself. The scientific breeder to day admits that there is much more required to obtain success than the mere attention to form and structure. Selection of animals capable of reproduction has thus developed into a science, and with better understanding of scientific methods in breeding the British breeders will undoubtedly forge ahead and for many years to come rank among the foremost domestic animal breeders of the world.

There are many breeds of cattle, sheep, pigs and horses in Great Britain each of which early had its distinctive characteristics. Thus an early writer on the live stock in Great Britain truly stated that the breeds of cattle as they are now found in Great Britain are almost as various as the soil of the different districts, or the fancies of the breeders, and conveniently they were classed according to the comparative size of their horns. Like breeders of stock in every other country the stock breeders in Great Britain early concentrated their energies on stimulating production, and the improvement of existing breeds commenced in the districts where a certain type of animal had been bred since time immemorial. Thus where the soil was naturally rich and grain abundantly produced, stall feeding and intensive farming led to the creation of a heavier breed, the inherent qualities of which could be further developed through selected mating, while in other districts where the production of grass and forage was more favourable, and the existing breeds through the course of time had developed a certain ability for making good use of such foods, different types existed and the live stock men in such districts rightly decided to develop these on other lines. In this manner, the magnificent breeds of England and Scotland have developed to what they are to day—the foremost breeds in the world.

The Live Stock estimate for Great Britain comprises Cattle 7,075,000, sheep 22,000,000, pigs 3,450,000, horses 1,430,000.

HEREFORD CATTLE — The Hereford breed is among the foremost of the world's many beef cattle breeds, and wherever these white-faced, red-coloured cattle become known they rapidly obtain a position of great importance. As far back as in the year 1627 it was stated by a well-known expert on cattle breeding that no place in England produced better

cattle During the last hundred years or so the Hereford breed has passed through a process of transformation and to-day it develops in a remarkable degree flesh where the finest cuts are obtained The Herefords are fulfilling all the requirements of the exacting butcher to-day Among their many good qualities, their ability to exist and develop under the most varied conditions is outstanding Another remarkable feature is a natural aptitude to fatten easily and to early reach maturity They have proved almost immune to tuberculosis, a proof of great hardiness The Hereford cow is a careful mother, and the breed generally is distinguished by prolificacy and prepotency It is one of the foremost grazing breeds of the world, and although essentially beef producing, the Herefords are good milkers with fat milk They have proved immensely popular in the British overseas Dominions, and it is no exaggeration to state that they are the foremost beef breed in the United States of America, while in Argentina they have almost become the national breed

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ABERDEEN ANGUS CATTLE—To-day the beautiful Aberdeen Angus cattle can be found in every country of the world Although a beef breed *par excellence* these cattle are by no means bad milkers They are most pleasing to the eye, black coloured, on short, thick legs, and of a blocky build, and perhaps no other beef breed can show such a minimum of bone For crossing purposes with other breeds the Aberdeen Angus have proved their value possessing singular prepotency as proved by the fact that whenever crossed with other breeds, the progeny invariably turns out black and hornless Wherever imported the Aberdeen Angus always give satisfaction In New Zealand they have truly contributed more than any other breed towards raising the quality of the beef, in the United States of America they have repeatedly been given pride of place at inter-breed competitions and in several Australian States, even where the soil is not of the best they have always acquired popularity

SHORTHORN CATTLE—Probably no other breed in Great Britain is so generally popular as are the Shorthorn cattle concerning which it is stated that they now represent 72½% of the total cattle stock of the country The popularity of this breed in all civilised live stock breeding countries is increasing from year to year, and its capacity of turning roughage into beef and milk seems steadily increasing Indeed, as a dual purpose breed the Shorthorns rank indisputably as the foremost Owing to the prepotency of the bulls, Shorthorn bulls are often preferred to any other breed for crossing and the Shorthorn blood infusion in almost any other breed creates distinctive improvement, traceable through several generations Although Shorthorns are bred in a number of civilised countries, with few exceptions no other breeders in the world have succeeded in creating such remarkable animals as the

British Shorthorn breeders, with the result that Shorthorn men in steadily increasing numbers annually visit the celebrated Shorthorn herds of Great Britain for the acquisition of stud animals It is one of the most beautiful breeds, distinctly British in type and form, with a great function to fill for grading-up purposes, especially in those many countries where the indigenous cattle can be improved through blood infusion

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LINCOLNSHIRE RED SHORTHORN CATTLE—Since 1895 the Lincoln Red Shorthorns have enjoyed protection through their own Herd Book, and the number of breeders of this distinct type of Shorthorn has increased year after year, in fact, the Lincoln Red Shorthorns are to-day the second largest breed of Pedigree cattle in England It is a commercially paying breed, with a high average milk yield, of early maturity, reaching the butchers' weight at an age of 1½ to 2½ years old The breed is hardy, of a sound constitution, with strong, beautifully developed frame and, generally speaking, combining all the good qualities of the Shorthorns The origin of the breed can be dated back about 100 years when in the counties of Durham and Northumberland resulting from the original heavy Durham cattle which then developed enormous size although slowly maturing, through selection and clever mating the present breed evolved

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WELSH BLACK CATTLE—This ancient breed, until recently not much known outside Great Britain, deserves to come into prominence in a number of countries where its ability as a reproducer, its compact and heavy type and great fecundity make it desirable for grading-up purposes There is a number of countries where the climate is hot but where vast stretches of tableland at high altitudes, with abundant grazing, are specially suitable for live stock breeding, and where the natural conditions are often similar to those in the homeland of this breed, and in all these countries there is a future for the Black Welsh They thrive well and remain in good condition even when exposed to wet and cold, and when fattened and slaughtered their dead weight takes a very high ratio to the live weight These cattle are particularly suitable for grading up indigenous breeds in which the live stock man is anxious to develop fattening propensities In many of these foreign countries it is the practice to let the calves run with the mothers and as the Black Welsh have always been accustomed to grazing on the hills with their calves they have developed comparative immunity to tuberculosis

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infuses the qualities of his breed when crossed with others and in many countries overseas especially in South Africa their value for crossing is recognised. They are remarkable for early maturity and when fattened the beef is well marbled succulent and of a high commercial value.

(Illustrat on page 22)

DEVONSHIRE CATTLE—Some eighty years ago British farmers' attention was drawn to the Devonshire cattle and although slowly the breed has been developed until to day it ranks among the foremost beef breeds in Great Britain. Breeders of these cattle however conceived the idea of developing the often prevalent distinct milking propensities of the breed and thus the Devon cattle are to day bred for beef as well as for milk production. The South Devon cattle are now generally reaching a fairly high annual milk production and the South Devon Herd Book Society in which by degrees very good herds are being built up has some remarkable results to register. As regards the Devon cattle the control of which is exercised by the Devon Cattle Breeders Association these are nowadays enjoying a far famed reputation for hardiness of constitution and it is a fact that they thrive and develop under almost any conditions. They are singularly immune to tuberculosis. As producers of prime beef they are increasingly coming in vogue.

(Illustrat on page 25)

HIGHLAND CATTLE—This is one of the most remarkable breeds in the Scottish districts and few breeds if any exceed the Highland cattle in producing succulent beef. The breed as it exists to day has been gradually developed from one of the old Celtic breeds but whence it originally came is disputed. Perhaps the Roman settlers brought this cattle with them from the Roman Campagna where cattle are still bred remarkably like the Highlands. They are a slow maturing breed and poor milkers but remarkable for their hardiness and ability to turn rough grazing into meat.

(Illustrat on page 93)

GALLOWAY AND BELTED GALLOWAY CATTLE—The Galloway cattle are chiefly at home in Ayrshire Wigtownshire Kirkcudbright Dumfriesshire Cumberland and Northumberland and are hardy healthy animals probably indigenous to these districts. Their most remarkable feature is ability to thrive on very poor grazing and yet produce choce beef. This ability is of a high commercial value in a number of countries where live stock conditions are still in the undeveloped state and as the Galloway bull has proved a fine reproducer the breed deserves to be known outside its own country.

The peculiarly coloured cattle called Belted Galloways have been bred in Galloway for over one hundred years but whether the breed is indigenous to the county is not on record. It is variably stated that

the origin was in Denmark and Schleswig Holstein a statement for which however there is probably no foundation. It is more probable that the breed has developed in its own homeland. It is a pleasing sight to see a herd of these Belted cattle grazing in a field but otherwise they have no particularly outstanding or remarkable qualities. The main point of characteristics is the bulls reproducing ability and breeders hold that for grading up purposes these bulls are of considerable value. In the U.S. of America where there is a Belted Galloway Breed Society in existence the cattle have developed a fairly high milk yield. Not so long ago the number of Belted herds in Holland was not inconsiderable but only one herd exists to-day. Speaking generally the breed is hardy and fatten fairly easily.

LONGHORN CATTLE—This breed is distinctly of Roman origin as proved by the size and position of the horns the colour of the animals and some other features and as foundation animals the Longhorns were early utilised by one of the greatest stock breeders the world has ever known Robert Bakewell who made a selection among the Longhorns when he commenced breeding operations. At that time the Longhorns were the only breed kept pure in England and already then the cows of the breed enjoyed a high reputation for milk production and fat milk. To day it is distinctly a butchers beast reaching remarkably heavy weight. One of the drawbacks of the breed an inclination to develop long legs has during recent years been fairly successfully overcome and at leading live stock exhibits the Longhorn cattle have invariably shown harmonious development. The full grown animals measure from 3 ft—4 ft across. In appearance it is one of the most remarkable breeds very pleasing to the eye.

BLUE ALBION CATTLE—These cattle are good milkers decidedly butchers beasts and so far the breed is making headway although the Ped grees in most instances do not date very far back. The Blue Albion Cattle Society has only existed a very few years prior to the foundation of which these cattle were not generally known. The most outstanding feature is their beautiful colour but they have proved capable of developing their milking propensities and the fat percentage is very considerable. The bull is very symmetrically developed and seems to have ability to reproduce his features in the progeny.

RED POLLED CATTLE—Among the cattle breeds of Great Britain particularly remarkable for milk yield as well as for fattening propensities—a combination which nowadays is classified as dual purpose qualification in a breed the Red Poll cattle rank very high indeed many an experienced breeder who has successfully bred other breeds is convinced that the Red Polled take pride of place among all the double utility cattle so far created through breeders skill. They are very pleasing to the eye their beautifully

shaped body and deep red colour making them particularly attractive, and in a grazing field a herd of Red Polled is truly a beautiful sight. At Show after Show the Red Polled are awarded the highest distinctions, and their economical feeding properties seem to gain for them a steadily increasing number of admirers. For grading up purposes the Red Polled bulls have proved eminently suitable in a great number of countries, and overseas in the British Dominions they are certainly among the chosen favourites.

(Illustrations page 24)

AYRSHIRE CATTLE—This hardy breed the outcome of much skill on the part of the earliest breeders, is now well introduced in almost every country of the Globe, and its reputation ranks very high among the British breeds. As a point of fact Ayrshires have in more countries than one even exceeded the performances of the breed in its homeland, and particularly in the British Dominions are they developing larger bags and teats the smallness of which once upon a time caused objections. The early origin of the Ayrshire cattle, it is often asserted, was outside Scotland but this statement is questionable. It is certainly one of the foremost dairy breeds remarkable for hardihood, satisfactory butter fat percentage, and longevity. To day there is scarcely a country in the world where dairying is developing in which Ayrshire cattle are not to be found a remarkable testimony to the breed's ability to suit the most diverse conditions of life and climate. During the last two decades, as a result of great skill on the part of breeders, the milking capacity has been very considerably developed while another feature of great importance in the breeding industry, the ability of breeding true to type is one that distinctly belongs to the Ayrshire breed.

FRIESIAN CATTLE—Having only been bred in Great Britain during a relatively short period, the Friesian cattle have rapidly gained in popularity, and the development of their milking propensities during the last ten years has been astonishing. As the breed has now had sufficient time to become thoroughly acclimatised in the British Isles the name of 'British Friesians' is thoroughly deserved. As is the case with all other Friesian breeds wherever they are bred to-day, the British Friesians have demonstrated their ability of developing a remarkable milk yield and quite satisfactory fat percentage, and as increased consumption of milk is uppermost in the mind of milk producers as well as medical authorities in every country where the dairying industry is being encouraged the popularity of this breed is explained. No other dairy breed seems capable of constantly breaking its own 'Record' as is the case with the Friesians. Whether the policy of continuously developing the milk yield is the best, is questionable as obviously there are limits beyond which it is imprudent to go, but generally speaking in the British Isles the Friesians have successfully withstood the very great strains imposed upon them. The Friesian Cattle Society, founded in 1909, enjoys

a steadily increasing membership, and the observant visitor to Pedigree cattle sales and Shows cannot help being struck by the distinct development of size and fattening propensities of the British Friesian cattle, testifying that increased attention is being paid to these points by the breeders.

(Illustration page 25)

SOUTHDOWN SHEEP—Among the mutton sheep breeds the Southdown easily ranks in the forefront and it is questionable whether any other mutton has the succulence that is so characteristic of this breed. It is, indeed, one of the best sheep ever created, and its reputation as a reproducer stands high all over the world, while butchers in all countries show particular preference for the Southdowns owing to the fact that there is no waste in the carcase. The bone is exceedingly small and the meat beautifully marbled. In addition the fleece is of excellent quality, and probably no other sheep breed outside the Merino type grows wool coming so near in classification to the Merinos. For crossing purposes the Southdowns are prominent invariably giving to the crosses their own peculiarities. One of the largest commodities in the food trade to-day is the 'Frozen Lamb' for which New Zealand is probably the chief purveyor, and the Southdown carcase with its remarkable minimum shrinkage has proved particularly suitable for this important trade. In that country the number of ewes every year mated with Southdown rams to purvey for the frozen lamb exports is ever increasing.

(Illustrations page 43)

HAMPSHIRE DOWN SHEEP—This is one of the most attractive sheep breeds ever developed through the breeders' skill, and its most outstanding quality is certainly the rapidity with which maturity is reached. As an illustration of this statement it should be mentioned that already at an age of six months the Hampshire Down lambs are in demand as sires. The ewes are splendid breeders and remain such during a number of years. In many countries, particularly in the U.S. of America, have the Hampshires been instrumental in bringing the mutton trade into new channels through their fattening propensities and regularly daily increasing weight. Few other breeds can demonstrate a daily increase of $\frac{3}{4}$ lb in weight from the day of birth. The Hampshires are perhaps seen at their greatest advantage in their own homeland among the Hampshire Downs where the surroundings seem to fit in with their bulky shape and easy elegant movements, but it is just as true to say that under almost any conditions north or south of the Equator the Hampshires retain their outstanding characteristics, and where once introduced, their dark faces and stocky shape rapidly create for them permanent friends. As wool producers the Hampshires are certainly of no mean quality, a clip of from 10 to 14 lbs of unwashed wool being a fair average. Like the Southdown rams, the Hampshire rams are excellent material for purposes. Splendid crosses are obtainable.

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* * *

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* * *

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CROSSING THE RAMS WITH LINCOLN LEICESTER AND SOUTH DOWN SHEEP—In several countries of Latin America the agricultural Authorities attention has lately been drawn to the reproductive value of the breed. The Hampshires rank among the sheep breeds as particularly hardy. They are popular in every county of England and the number of flocks registered in the Breeders Flock Book is steadily increasing.

OXFORD DOWN SHEEP—This is a strong heavy Down breed in which early maturity has been developed thanks to breeders skill. The Oxford Down rams have been instrumental in grading up sheep breeds in many countries but the breed develops best in its home surroundings. The mutton is of excellent quality and these sheep grow a satisfactory fleece of close texture. During many years Oxford rams have been utilised in grading up the white faced ewes of north Britain and without exaggeration it may be stated that the breed is responsible for great and general improvement in the sheep breeding industry of Great Britain.

SHROPSHIRE SHEEP—Among the leading sheep breeds of Great Britain the Shropshires hold a well established position and while they have played an important part in their homeland probably their destiny for grading up purposes lies in such districts where the native indigenous sheep absolutely require blood infusion of that kind. One of the reasons why the Shropshire rams are of outstanding merit for cross breeding is the fact that they originated from a mountain breed and thus have preserved in their veins the peculiarities of that type. Their wool is of fine texture and always in demand in the wool markets and the popularity of the breed is undoubtedly spreading. In Australia the Shropshires have been responsible for a remarkable development in the mutton trade. It is claimed for the breed that it matures earlier than any other sheep breeds a statement which however is exaggerated.

(Illustration on page 44)

DORSET SHEEP have been bred since time immemorial in the county of Dorset where they early developed certain qualities through which they have been found suitable in a number of countries for grading up other sheep breeds such as remarkable fecundity easily fattening propensity and compact body build. The Dorsets have a deep body broad loins full shoulders without coarseness and they develop a particularly good leg of mutton with small bone. These Dorset sheep are becoming great favourites wherever they are imported and few other sheep breeds are so adaptable to a variety of localities and climates. The wool is highly prized and the fleeces always obtain top prices. The lambs yield from 2½ to 3 lbs wool the ewes up to 7 lbs and yearling rams from 10½ to 14½ lbs. The centre for the Dorset sheep breeding is Dorchester where two types are bred—the Dorset horned and the Dorset Down sheep.

ROMNEY SHEEP—No other British sheep have obtained popularity overseas equal to the popularity of the Romney Marsh sheep which in many countries are given preference to all other breeds. It is claimed for these sheep that their development has been more natural i.e. less artificial than is the case with many other British sheep breeds. Be that as it may their type has for a great length of time retained the same fixity for which these animals were known at their earliest time. The explanation of this is obviously to be found in the peculiar circumstances under which the breed has developed such as soil landscape and climate. As a sheep breed in which to a high degree dual purpose qualities are developed the Romney Marsh sheep perhaps take pride of place and on their ability to reproduce and infuse good qualities into the progeny their great popularity has been built up.

RYELAND SHEEP—This breed is nowadays considered to be one of those British breeds concerning which it can be generally stated that it represents all that is best in a sheep breed. It is claimed for the breed and there is no reason why the statement should not be true that it is the oldest breed in the British Isles and it is recorded that Ryeland flocks were maintained in several parts of Hereford as long ago as in the thirteenth century. The Ryelands have done remarkably well when crossed with overseas Merino sheep and there is no exaggeration in stating that in the British Dominions the Ryelands are gaining in popularity every year. This explains why rams of good Pedigrees if characteristically built and developed to day obtain prices which rank among the highest being paid by overseas breeders. It is a singularly beautiful breed of medium sized sheep with well developed shoulders and backs saddles and legs.

DEVONSHIRE SHEEP—The two breeds originating in Devonshire but nowadays favoured in many parts of the world are both of remarkable and outstanding qualities. The South Devon sheep the flock book of which is kept at Totnes is a fine animal producing very good wool reliable for punctuality in fattening and wool production alike and the wool staple is dense and lustrous. The Devon Long Woolled Sheep chiefly bred in north and east Devonshire Somerset and Cornwall is of late becoming more known abroad resulting from propaganda work undertaken by the Devon Long Woolled Sheep Breeders Society in Somerset. Crossed with other sheep breeds such as the Hampshire Down invariably excellent mutton crosses are produced and at Smithfield Shows these crosses have drawn considerable attention of late. Flock masters in more countries than one who have imported the Devon Long Woolled rams for grading up purposes have invariably reported good results.

KERRY HILL SHEEP—Among the British sheep breeds the Kerry Hill has of late been in great demand in a number of countries among which Spain should be mentioned where the breed to-day has many admirers.

...a "medium" developed sheep and its commercial value is due from the fact that it can grow into almost any size and under lowland conditions while as a hill sheep is certainly among the very best. It is particularly good and the mutton is every where in great repute by butchers and consumers. The outstanding feature is its ability to breed. Thus the black-speckled face always crops up in the first few generations of cross.

(Illustration on page 44)

WENSLEYDALE SHEEP—This is a long woolled and a vigorous quality chiefly known and appreciated in its home surroundings Yorkshire and is highly appreciated on account of its lustrous wool and its peculiar wave in the staple. The same of this breed is now spreading and Wensleydale rams are increasingly coming into favour in districts where the breeders cater for the highly developed woollen trade. It is claimed for the breed that when crossed with other sheep the ability to grow the same lustrous wool is invariably inherited by the progeny.

LINCOLN LONG WOOLLED SHEEP—There is no exaggeration in stating that this breed has done more than any other British sheep breed towards grading up the flocks in Latin America and likewise that it is the fact that the infusion of blood from Lincoln rams can be traced in many a sheep breed in foreign countries testifying to a remarkable reproductive ability. Thus the splendid Texel sheep in the north of Holland one of the finest sheep breeds in Europe have inherited their well developed body and wool propensities from Lincoln rams. Their particular value in cross breeding is appreciated everywhere where the rams have been imported. In Mexico a great change has come over the sheep flocks distinctly traceable to the infusion of Lincoln Long Woolled blood. Many a breeder in Argentina has in the same manner graded up his sheep and remarkable prices are now and then being paid for rams of outstanding qualities. The Flock Book of the Lincoln Long Woolled Sheep Breeders Association now soon in its fortieth year of existence contains some remarkable records from which it is evident that these splendid sheep have been reared in Lincolnshire for more than 150 years. Few other breeds can show their high average of 25 lbs washed wool of a generally nice fleece. It is a hardy breed early maturing.

(Illustration page 45)

SUFFOLK SHEEP—These sheep have been bred for ever so long in the county of Suffolk where flocks can be traced back to the year 1855. Unlike other British sheep breeds on account of their black head and outstanding ears and great vitality the Suffolk sheep are rapidly coming to the forefront especially in such countries where the hosiery trade claims a raw wool of a certain staple. Although chiefly a mutton breed the Suffolks clip an average of 8 lbs of washed wool and the fleece has a nice length and is altogether sound

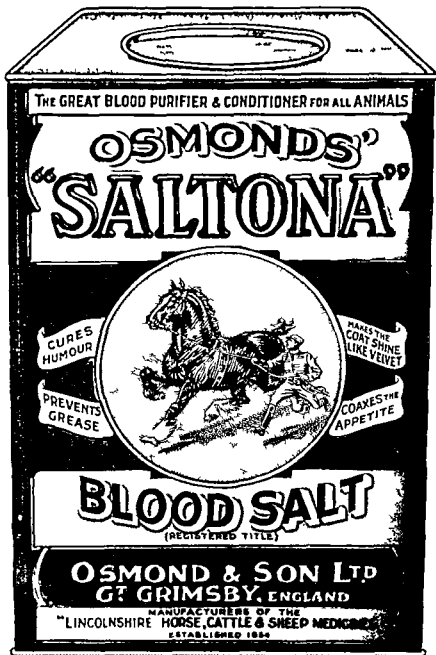
and good wool. The lambing percentage for this breed is very high. It is certainly among the most valuable sheep breeds in Great Britain.

LEICESTER SHEEP—To this breed was attention given by the big breeders of their day in preference to any other breed and its history is too well known to need repeating. It certainly has been instrumental in improving most of the other breeds of long woolled sheep in Great Britain and many a sheep breed in foreign countries has been graded up and obtained remarkable qualities through the mating with Leicester rams. The Leicester ewes breed early and are thus good providers for the early lamb market. As long ago as 150 years back these sheep drew the breeders' attention and they continue their reputation as remarkable progenitors in cross breeding.

CHEVIOT SHEEP—It is claimed that it is one of the oldest pure bred sheep in Great Britain and that it is the most handsome. It is certainly a very useful breed especially suitable for conditions similar to its homeland the Cheviot hills where it has been cherished almost since time immemorial as one of the easiest and cheapest feeders. In the Cheviot Hills they are left to fend for themselves during a great portion of the year often on the scantiest of feed while through the winter even when the snow lies deep they are able to obtain nourishment from grass and heather. On the other hand they quickly respond to generous treatment and develop good live weight. At many a Fat Stock Show they fetch top prices. Without these sheep the world famed tweed cloth would probably never have been created. During pasturage the ewes generally produce from 4 to 6 lbs washed wool but when well fed they even attain a fleece weight of up to 15 lbs. For unknown reasons they are not found in many a country where they should do exceedingly well such as in Peru, Chile, Ecuador, Salvador etc. probably owing to lack of propaganda on the part of the Scottish breeders.

WELSH MOUNTAIN SHEEP—A small sized breed easily nourished and able to exist and develop on grazing where most other sheep would starve. It is a sheep that deserves to be widely known in countries where climatic conditions soil and other factors militate against the heavier breeds. In its home land the Welsh sheep develops excellent mutton and the carcass weight reaches from 45% to 53%. It grows fine and close but short wool as a rule white and free from black hairs. It is an early maturing breed valued by the butcher as being free from wasteful fat. It is distinctly a mountain breed and as such ranks among the best mutton breeds of northern Europe.

OTHER SHEEP BREEDS—Several sheep breeds of outstanding qualities but chiefly of local interest and importance are reared in their respective districts such as the LONK sheep a hill range sheep chiefly bred in Lancashire, Yorkshire and certain parts of





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Hereford Heifer "Clara Vern 2nd"

(Text page 10)

Breeder Mr R S de Q Quincey The Vern Bodenham Hereford
Reserve Female Champion at the R.A.S.E. Newport 1927



13. 1. Side and General

Welsh Black Bull "Trevellyn Coron"

14. 1. Side and General

Breeder Mrs. M. A. Williams-Owen Trevellyn SO. Wales
First and Champion Prize at the R.A.S.E., Newport 1927



Group of Dairy Shorthorn Cows.

(Text page 11)

Breeder : Mr. G. P. Golden, Eaglesfield, Leire, Rugby, Warws.
Winners of the Thornton Challenge Cup for the best three Females at the R.A.S.E., Newport, 1927.



Dairy Shorthorn Cow : "Lady Clovelly."

(Text page 11)

Breeder : Mr. G. P. Golden, Eaglesfield, Leire, Rugby, Warws.
First Prize, R.A.S.E., Newport, 1927. Dam of Lord Leicester 57th sold for 1,000 guineas, and of Lord Leicester 71st, sold for 450 guineas by Public Auction, May 24th, 1928.

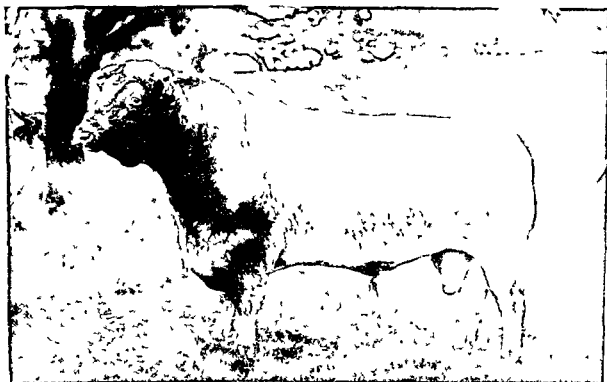


Photo by G. H. Parsons

Dairy Shorthorn Bull : "Kelmescott Imperialist 71st."

(Test page 11)

Mr. Lawrence Hignett, Hook End Farm, Checkendon, Oxon.
First Prize and Champion Bull at the R.A.S.E., Newport, 1927



Photo by G. H. Parsons

Dairy Shorthorn Cow : "Greenleaf 78th."

(Test page 11)

Mr. Lawrence Hignett, Hook End Farm, Checkendon, Oxon.
First Prize and Champion Female at the R.A.S.E., Newport, 1927

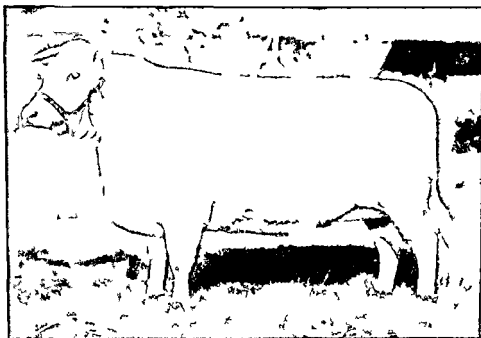


Photo C H I

Beef Shorthorn 71904 "Bapton Augusta"

(T Aug 11)

Yearling Heifer Winner of 9 Fests and 8 Championships in 1976
Breeder Sir Cecil Chubb Bart Bapton Codford Wilts

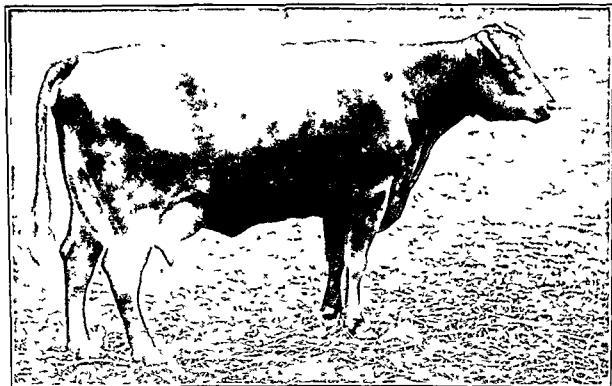


Photo C H I

Sussex Bull Kings Barn Sunbright

(T Sept 11)

Breeder Mr L O Johnson Peppers Ashurst nr Steyning Sussex
First Prize and Champion at the RASE Nottingham 1928



Lincoln Red Shorthorn Cow : "Burton Amy 10th."

(Text page 11)

Breeders Messrs John Evens & Son Burton nr Lincoln
First Prize and Female Champion (Dairy type) at the R.A.S.E. Newport 1927



Lincoln Red Shorthorn Bull : "Barnoldby Bounce."

(Text page 11)

Brig Gen C. G. Hoare C.M.G. C.B.E., Lamberhurst, Kent.
First and Reserve Champion at the R.A.S.E. Newport 1927

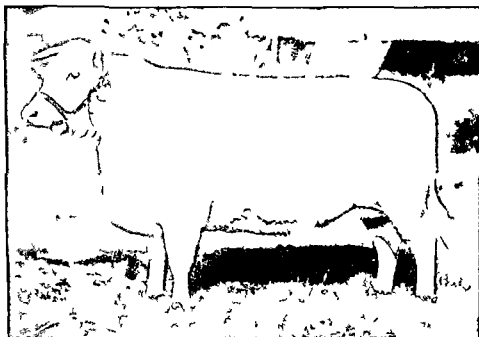


Photo by C. I. I. O.

(Text page 11)

Beef Shorthorn 71904 "Bapton Augusta"

Yearling Heifer Winner of 9 Firsts and 8 Championships in 1976
Breeder Sir Cecil Chubb Bart Bapton Codford Wilts



Photo by Sp. on the ground

(Text page 11)

Sussex Bull "Kings Barn Sunbright"

Breeder Mr L. O. Johnson Peppers Ashurst nr Steyning Sussex
First Prize and Champion at the R.A.S.E. Nottingham 1928

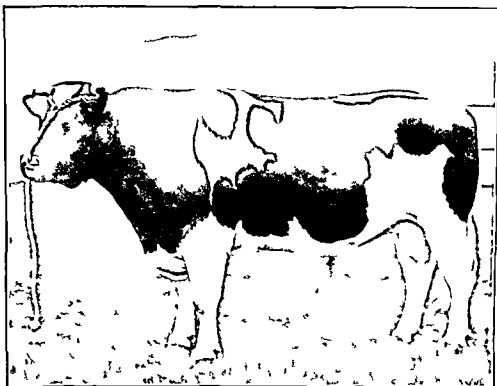


Photo by J. G. Neal

British Friesian Bull "Hache Buringa"

(See page 1)

The Exors. of the late Edward Hollingworth, Moordale, Dobcross, Yorks.
First and Champion Prize at the R.A.S.E., Newport, 1927

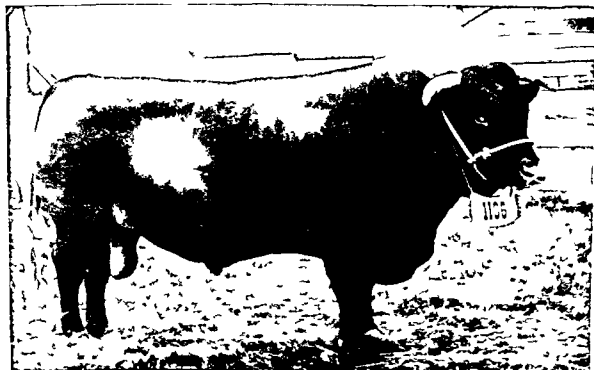


Photo by J. G. Neal

Devon Bull "Proud Romper"

(See page 1)

Mr. Cecil Brent, Clapton, Cornwall.
First Prize and Champion at the R.A.S.E., Newport, 1927



Photo by E. Cop a Ho han **Red Poll Cow Knepp Prudence 4th**

T pag 1

Breeder S r Merr k Burrell Bart Knepp Castle Ho sham Sussex
First and Champ on at the R A S E Newport 1927



Red Poll Bull "Ashmoor Alert"

(Tex page 1)

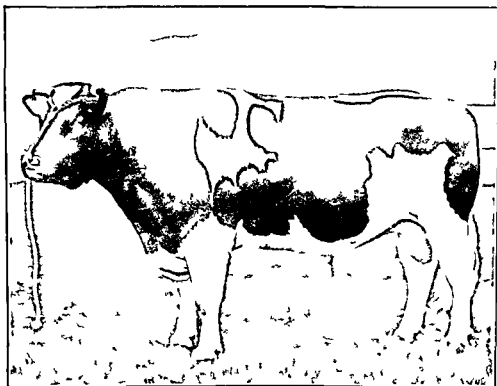


Photo by Spalding & Co.

British Friesian Bull "Hache Buringa"

(See page 13)

The Exors. of the late Edward Hollingworth, Moordale, Dobercess, Yorks.
First and Champion Prize at the R.A.S.E., Newport, 1927

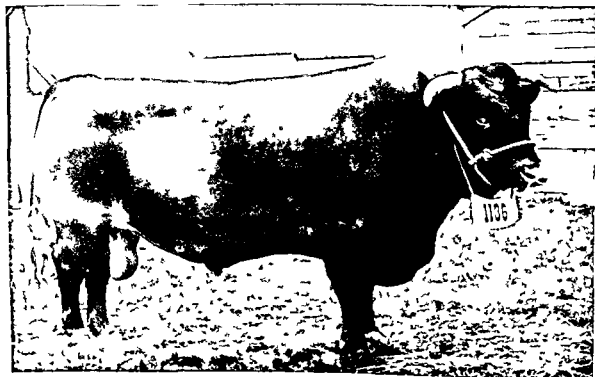


Photo by Spalding & Co.

Devon Bull "Proud Romper"

(See page 13)

Mr Cecil Brent, Clapton, Cornwall
First Prize and Champion at the R.A.S.E., Newport, 1927

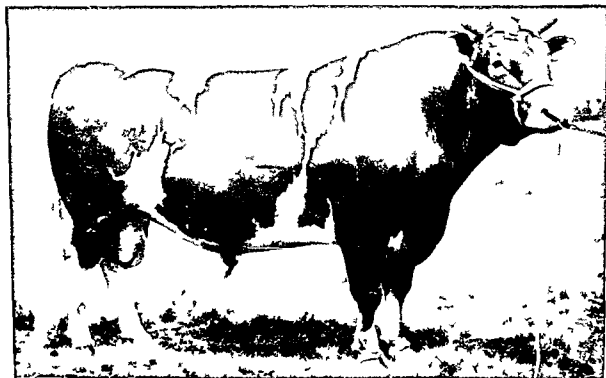


11 P o

A p e d

Jersey Cow "Zaffarine"

M s Hayes Sadler Horne Court Horley Surrey
First and Champion at the R A S E Newport 1927



14 by Sp ant C n a

(A p e 3

Guernsey Bull "Tregenna May Bird"

Messrs George Blight & Sons Tregennong Breave Helston Cornwall
First Prize and Champion at the R A S E Newport 1927

Derbyshire, a handy, very hardy grazer, good wool producer, often used for crossing with other breeds, especially the Scottish Black Faced sheep. The CLUN sheep is a Shropshire breed with very old Pedigrees in the Clun Forest district, generally liked for its all round qualities as an early maturing breed and fairly good wool producer. The HERDWICK sheep is a small-sized, grey-faced sheep, the product of the soil at home in the west Cumberland districts in barren surroundings where it is grazing at altitudes of from 800 to 3000 ft above sea level, thriving well and in these districts often the mainstay of the farmers among whom many rear flocks numbering 1,500 and more. Even during very cold winter days the Herdwick sheep maintain themselves even increasing in weight. The rams are invariably horned. The WILTSHIRE HORN sheep is one of the very oldest sheep breeds, originating in the county of Wiltshire but nowadays chiefly grazing in the midlands. Its mutton is particularly appreciated by the butcher. The SWALEDALE sheep is chiefly bred in Westmorland, Durham and Yorkshire, a lively animal and a good grazer, of late enjoying appreciation in overseas countries as a mutton producing sheep. The DARTMOOR sheep is a beautiful thrifty sheep breed on the high lying lands in Devonshire. Its main feature is its remarkably tasty and juicy mutton. The clip is considerable, averaging 12-14 lbs. Full grown, these sheep obtain a killed weight of from 80 to 90 lbs. The Dartmoor Sheep Breeders Association, Okehampton, was formed not so long ago and through its energies the Dartmoor sheep is now being imported into various countries of Africa while in the US of America and Canada breeders attention is being drawn to this valuable mountain sheep. The SCOTTISH BLACK-FACED sheep rank as one of the best mutton breeds, and well fattened they always fetch top prices in the butchers' trade. It is stated that the breed probably originated from Persia. It is an attractive-looking animal, a good grazer, and when crossed with rams of other breeds the progeny obtain increased wool percentage and heavier weight.

YORKSHIRE PIGS, known as Large White and Middle White all over the world, are types which have in a remarkable degree contributed to grading up the native pig breeds in a great number of countries while in other countries they have acted as Foundation Stock through which a pig breeding industry has been created and further developed. No other pig breed in the world possesses such a remarkable reproducing ability, and chiefly the Large White has been instrumental in creating national values in those countries where the development of the indigenous breed has been turned into a commercial proposition through the infusion of Yorkshire blood. This being the fact, its value as a reproducer can hardly be exaggerated. More than any other breed these Yorkshire pigs serve almost any purpose in pig breeding as they are the small holder's pig to the same degree as they are suitable to be bred and fed in large herds.

Skill in pig breeding is the outcome of study, observation, painstaking, and energy on the part of the breeder, although success sometimes comes unexpectedly, almost immediately to an inexperienced breeder, but the Yorkshire breed, as it has developed during the many years until it has reached almost perfection to-day, is not the product of good luck in breeding as few pig breeds at the earliest stage of their development have shown so many "throw-backs" as has been the case with this breed. The international importance of this remarkable breed may be demonstrated by pointing to the fact that Denmark would not have been able to obtain her present position as almost undisputed supplier of bacon to the British market if she had had to rely on her own pig material. Denmark maintains her undisputed position of having the best commercial pig breeders because she has been able to continuously draw on the Yorkshire pig breed in England for crossing her own Landrace pigs. It is probably no exaggeration to state that her bacon industry can be best maintained through permanent infusion of Yorkshire blood, and the importance of the breed is therefore, evident. The three fundamental "Points" in this breed which have been remarkably developed through the skill of the British breeders are early maturity, capacity of assuming a tremendous weight and fecundity. Many other breeds have been and can be brought to early maturity and growing into large body weight, but often at the expense of fecundity. Not so with the Yorkshire Large White pigs. Their litters are uniform and bred healthy and hardy. The sows are excellent mothers, good tempered and easily handled. Owing to their white skin they are not always capable of existing in the hottest countries such as Brazil or other countries lying in the same meridian, but when legislation in these countries compels the farmers to prepare comfort and shelter for their animals, there are no obstacles against developing pure or cross breeding of the Yorkshires even under the hottest climate.

The Middle White Yorkshire pig is a remarkably good forager, and by many a bacon curer considered superior to a number of other types now bred for the market. The breed is hardy and the sows are good mothers. When fattening it develops very good sides and hams. In many overseas countries the Middle White Yorkshire pigs are preferred to the Large Whites, and it is worthy of note that they withstand severe cold even under very trying circumstances such as often prevail in countries like Canada, Finland, and Siberia. This breed possesses the ability of immediately improving the progeny when crossed on even the most valueless of other pig breeds, and probably the future of the breed will be connected with development through blood infusion of the herds of a large number of countries whose nondescript pigs have almost ceased to have any commercial value. Particularly in the many negro countries on the African continent may this be the case.

(Illustrations page 45)

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de gado maior caballar pueros ovetas o ave de corral que se interessa por la salud b en entenda
de sus an mal—pro s i cre m m to , reproducion por la calidad y abundancia de su leche, lana o
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originadas pela deficiencia quasi universal de yodo no pasto ou nas rações

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LARGE BLACK PIGS—Among existing well-developed, highly commercial pig breeds, the so called "Large Black" pig is often a declared favourite owing to its grazing propensities. It grows to very large proportions and is able to thrive and develop a daily increase in body weight on grass feeding under almost any conditions. This breed is nowadays one of the big litter producers, and the sows breed remarkably punctually, while the boars always reproduce to type. There is a number of countries where the Large Black has a mission to fill, and perhaps its most outstanding quality is its remarkable hardihood.

BERKSHIRE PIGS—Whether these pigs were indigenous to England or not, it is an excellent type of pig whose performances are invariably reliable. They are, of course, not "everybody's pig," as many a breeder is anxious to develop large weight, but when it is aimed at developing neatness of shape, the Berkshire black pig ranks among the foremost, while early maturity and fattening propensities contribute to make it a desirable pig under many agricultural conditions where the larger animal is not desirable. Perhaps no other pig breed in Great Britain was ever developed and built up with so little outside blood infusion—a feature of no small value, as this pureness of blood has been a deciding factor among many a breeder overseas prior to choosing a breed for permanency. The Berkshires have often been singled out at Smithfield Shows in Carcase Competitions, while in several other classes they are continuously being awarded Championships. Point for point the Berkshire breed can be classified among the world's foremost pig breeds.

(Illustration page 45)

ESSEX PIGS—The peculiar belting of this pig breed is one of its outstanding features, but great fecundity, early fattening, large litters and good temper are qualities that endear the breed to many farmers. As a baconer it is prominent, and for the pork trade it is undoubtedly one of the most economical pigs to feed. As the name indicates, the origin of the breed lies in the county of Essex where ever since medieval times the farmers strove to breed an easily fattened pig suitable for the London market. Essex pigs develop remarkably full hams and considerable length, and in carcase competitions they invariably draw attention to their performances.

WESSEX SADDLEBACK PIGS—Although one of the most ancient breeds in Great Britain it is only of recent date that this pig has come into prominence, having not so very long ago been on the point of extinction. For all round qualities the Wessex Saddleback, like the Essex Pig, is distinctly a farmer's pig, and the attention which many breeders in foreign countries are paying to the breed whenever exhibited indicates that its popularity is increasing. It is claimed for the breed that it is an exceptionally rapid feeder, the average gain of 1 lb on 3½ lbs of food being the rule. Butchers hold that the Wessex Saddleback pig kills remarkably well.

(Illustration page 47)

GLOUCESTER OLD SPOTS PIGS—Among the British pig breeds the Gloucester "Old Spots" is perhaps the most remarkable looking. It breeds true to type, is an easy feeder, and as during the course of time it has developed a peculiar knack of strolling about for feeding purposes it should prove particularly suitable in all such countries where cheap grazing opportunities are within the reach of even the smallest farmer, as is the case among the African negro tribes where grazing is held in common by very large communities, or in countries such as Tunis, Tripoli etc. It is not commonly bred in large herds but in its homeland it is the poor man's pig.

TAMWORTH PIGS—Unfortunately, this ancient breed seems on the point of slowly disappearing as the number of herds in Great Britain is nowadays much smaller than it used to be. It is claimed that the Tamworth pigs are the descendants of the wild pig in England, and there is every indication to support this belief. For bacon, few if any other breeds excel the Tamworth in point of growing deliciously flavoured meat, and they are among the leanest of existing pig breeds. For cross breeding the Tamworth boar has long held a high reputation. The Tamworths are excellent grazers and prolific breeders with large litters, and it should be stated that it is a breed of such outstanding merits that it deserves to be kept up and further developed. It resembles the German "grazing pig," (Heide Schwein) the only still existing indigenous pig breed in Germany, and probably the Tamworth pig came into the British Isles with the invading Saxons.

(Illustration page 47)

LINCOLNSHIRE CURLY COATED PIGS are chiefly bred in the county of Lincolnshire. Lop eared, well developed pigs reaching a considerable live weight at an early age, remarkable for fecundity. The curly coated sow is held to be a careful mother, generally with large litters, added to which should be mentioned that these pigs are good grazers.

WELSH PIGS, now breeding true to type, originated through crossings forward and backward with Berkshire, Large Black, Tamworth and Large White Yorkshire breeds, and have probably inherited the good qualities of all of these. In appearance they are particularly pleasing animals, especially when pure white. They kill well, are good foragers, accustomed to graze over wide areas, while their flesh is very juicy and particularly in demand for pork. The Welsh pig attains very large weight which, however, is well proportioned as the back is wide and long, and the hams well set. Remarkably deep sides contribute to make this pig decidedly a butcher's beast. The breed is very prolific.

THE SUFFOLK HORSE—Among remarkable horse breeds created in Great Britain, the Suffolk horse deserves special mention, but strange to say the breed has long been left unnoticed by horse breeders in other countries, although this horse is justified to come to

the forefront as an all round horse suitable for almost every purpose. The Suffolks were probably first bred in the county of Suffolk where they have ever since been looked upon as a national breed as their Pedigrees date back to the year 1506. They have been bred pure for close on 200 years and when the Suffolk Horse Society was founded in 1877 and the first volume of the Suffolk Stud Book was produced a great impetus was given to the Suffolk breeders who ever since have come up to expectations and the annual exhibits of Suffolk horses never fail to illustrate continuous progress in the breeding of this typically English horse. While the Suffolks are chiefly suitable for agricultural and other hard work they look well and behave splendidly as carriage horses for military purposes and any work where a steady strong and good tempered horse is required. It is questionable whether any other horse breed can show such a remarkable average of longevity a feature of this breed which testifies to a strong constitution and great staying power. These horses have over and over again proved their ability to stand very hot climates. The Suffolk Horse Breeders Society arrange three yearly sales at Ipswich where the visitors can see a fine display of truly beautiful stallions and excellent mares. As a breed it is a National asset.

(Illustrations page 48)

THE SHIRE HORSE—The origin of the Shire horse is disputed but as far as can be correctly judged he was brought to this country through the Roman legions when Caesar invaded Britain and stallions were utilised at various outlying military stations for crossing English Landrace mares. The remarkable feature about this breed is that it has through these many hundreds of years maintained and increased its enormous size and there is no other horse breed in the world which obtains the same weight. The Shire horse has always been considered by breeders as one of the best paying breeds to rear and its popularity is undoubtedly demonstrated by the fact that prior to the war these horses were imported in increasing numbers in many countries where agricultural conditions demand a strong horse of staying power. They develop their size and maintain their strength in almost every climate and as reproducers the Shire stallions stand second to none. A great improvement is noticeable in their gaiety of movement.

(Illustration on page 49)

THE CLYDESDALE HORSE has been bred in Lanarkshire Scotland for hundreds of years. It is one of the foremost among heavy horse breeds with remarkable ability to do well in every climate and under most varying conditions of life. Thus the Clydesdale horses are nowadays bred in almost every country in Europe while they are doing splendidly overseas especially in South Africa Australia and New Zealand.

where Clydesdale Stud Book Societies have long existed. This horse is not so compact in its build as the Shire horse and many a really good Clydesdale horse often shows a lack of bulk without however, being faulty on this point and probably no other horse breed can show such particularly sound feet and legs. These horses move with a remarkable speed an outstanding merit that in many countries should make them particularly suitable.

YORKSHIRE HORSE BREEDS—The Yorkshire Coach horse is a handsome well built carriage horse however of no particular importance in Great Britain where the breed has been more or less confined to its homeland the county of Yorkshire but it is a remarkably good horse strong well proportioned beautiful in appearance and movements and particularly suitable for crossing. Thus the stallions are particularly appreciated in the US of America Canada and three or four Latin American Republics where it is maintained that the sires invariably implant in their progeny their own outstanding qualities. The Cleveland Bay horse stands from 16 hands to 16 2. His colour is chiefly light or dark bay with black legs and he is an all round horse of considerable value. He is a particular favourite with cavalry men and his reputation as a reliable producer long enjoyed in his own homeland is maintained wherever he is imported.

THE HACKNEY HORSE—As a light horse the English Hackney is one of remarkable and outstanding merits. In 1878 a Register for English Trotting Horses was established since when the breeding of this useful horse has developed and while the Hackney has many competitors he is still the most typical exponent of a light saddle or carriage horse. It would be no exaggeration to state that the Hackney Type is now so well established in many horse breeding countries because it is recognised that the English prototype combines all that can be desired in a horse of this kind. For this reason it may be expected that English Hackney stallions will continue to be in demand in many countries for maintaining the Hackney type. It is often stated that the motor car has killed the breeding of this type of horse but those who take a long view are convinced that no mechanised means for personal transport can ever do away with the animal combining as does the Hackney horse speed with elegance and appearance. It is claimed for the Hackney that he is the oldest of all the horse breeds in England.

**BRITISH BREEDERS'
ILLUSTRATED - -
ANNOUNCEMENTS - -**

see page 91

Livestock Breeding in Ireland.

The Live Stock estimate for Ireland states For NORTHERN IRELAND 698 000 cattle 500 000 sheep 237 000 pigs 107 000 horses For the IRISH FREE STATE 4 049 000 cattle 3 121 000 sheep 1 178 000 pigs 429 000 horses

The art of stock breeding is not of recent date in this beautiful island. Some seventy years ago a noted English Shorthorn breeder inspecting the live stock in Ireland uttered a warning to his countrymen to be on the alert as otherwise the Irish breeders would soon come to the forefront. By passing the Live Stock Breeding Act in 1922 the Government of Northern Ireland set an example of foresight and prudence and it is safe to state that it is only a question of time when every country in the world must adopt a similar Act. The scandalous waste of money and material alike which is taking place all over the world through breeding nondescript animals will by degrees come to an end and meantime other live stock breeding countries might well send delegates to Ireland to study the working of this Act and thus on the spot through facts and figures learn how the improvement among the Irish live stock has been accelerated through this measure. Shortly stated the Act prescribes that applications for Licences for Bull Calves intended to mature must be filed with the Department of Agriculture and placed under the inspection and supervision of qualified live stock officers while bulls not passed will in due course have to be de-sexed for breeding purposes. The Irish live stock industry is of paramount importance to the people. To-day there are about two milking cows per agricultural holding and of these holdings nearly 77% are farms of 30 acres and less.

Among the cattle breeds the Shorthorns probably account for nearly 76% next to which breed in importance are the Ayrshires the Jersey cattle the Red Polled the Friesians and the Kerry cattle. The performance in butter fat and milk yield of every cow is controlled in Northern Ireland where the milk recording system is everywhere in vogue. There are two prominent cattle breeds indigenous to the country the Moiled cattle and the Kerry. The Moiled cattle have existed since time immemorial and are either red and white brindled red strawberry roan or black in colour but the blacks are by degrees graded out. It is a useful breed and will probably reach a fairly high grade of perfection resulting from its capacity for turning any kind of roughage into milk and butter fat and the recently founded Irish Moiled Cattle Society seems to lay great stress on certain points such as very short legs a very thin neck very deep sides and a large udder.

The Kerry cattle is the oldest breed in Ireland and its many good points have obtained admirers in many countries where conditions are similar to those under which this breed has developed during many hundreds of years in its own homeland. The pure-bred Kerry cow of good Pedigree yields easily 8 000 to 10 000 lbs during a lactation period of 45 weeks an astonishing product on when the small size of the animal is taken into consideration. With the Jersey cattle the Kernes probably share the distinction of being the producers

of the fattest milk. The other breeds in Ireland are the same as in Great Britain—Shorthorns Herefords Friesians Jerseys and Ayrshires.

A remarkably good pig the White Ulster has long been bred in this part of Ireland where the Large White Ulster Pig Society through exercising great care in the supervision of herds and breeders has succeeded in weeding out many unsuitable animals. This breed has much in common with the Welsh white pig. Its chief points are rapid growth early maturity and easy fattening and the boars are remarkable for prepotency.

Sheep breeding is an ancient pursuit in Ireland where a good breed has long been reared the Roscommon sheep a good-sized attractive looking animal whose good ribs well covered back and broad shoulders easily mark it as a butcher's beast while its wool has a particularly lustrous quality always obtaining the highest market prices. Among other sheep the Black faced should be particularly mentioned a sheep suitable for mountain grazing and able to fend for itself even under trying circumstances for which reasons the same deserve to be more widely known outside their country. In the lowland districts very excellent Oxford Down Shropshire Suffolk and Leicester sheep are bred.

As a horse breeder the Irishman has always enjoyed a well deserved reputation. Many a thoroughbred reared in this part of Ireland has fetched a surprisingly high sales price and it would be no exaggeration to state that the Irish horse breeder's skill and eye for horse material entitles him to be classified among the world's best horsemen.

THE IRISH FREE STATE—Cattle breeding in the Irish Free State is the main pursuit of the farmers and of the stock at least 1 330 000 are dairy cows. The cattle industry caters for two different markets the English beef trade and England's dairy. Thus the production of butter etc now a daily figure of more than £8 000 000 while the beef sold in the Free State may be estimated at over 200 000 tons per annum. Unlike the breeders in England the Irish breeder breeds for the largest possible sale as well as for the store cattle trade. He is anxious to develop animals of a dual nature. The tendency to-day in the Free State is in favour of developing the dual breed. Herefords the Aberdeen Angus the Kerry breeds and through a scheme adopted long ago all the sires are subsidised, under which class bulls have been bred certainly noticeable Pedigree ancestry are now marketed in the country and during 1922 712 Dairy Shorthorns 645 Angus, 170 Herefords

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Livestock Breeding in the British Channel Islands.

The Cattle Stock estimate for the Jersey Island varies from 11,000 to 12,000

The Cattle Stock estimate for the Guernsey Island varies from 6,000 to 6,500

In the small islands of JERSEY and GUERNSEY in the British Channel, cattle breeding is the main occupation of the farmers, and here two remarkable breeds have been reared and kept pure for a very long time, through the exports of which the foundation of Pedigree Breeders' Societies has been laid in a great number of countries

THE JERSEY BREED—As far back as in 1763 the States of Jersey by a special Act prohibited the imports into the Island of foreign cattle breeds, through which very wise step it has been possible to achieve three important results—to eliminate competition, to maintain the breed healthy and entirely free from tuberculosis and other contagious diseases, and to control the cattle prices. With the advent of the Royal Jersey Agricultural Society, formed about 100 years ago, the Island breeders were encouraged in their agricultural activities and guided in breeding animals of outstanding merits, worthy of attracting the attention of farmers and breeders in other countries, and when the Jersey Herd Book was founded in 1866 for recording the Pedigrees of these Island cattle the breeding and trading in a type of dairy cattle unique from every point of view was given a powerful stimulus. It is almost impossible to imagine that the Jersey cattle as they are now known are the descendants of ugly, badly shaped, long legged and uncouth looking forbears, but that is the fact, another illustration demonstrating the possibility of bringing a breed to perfection through careful selection and controlled mating. There is no other breed in the world within the same class as the Jersey cattle as valuable for performance and so beautiful in appearance. Under such conditions it is obvious that all cattle bred and reared in Jersey are pure bred. However, no single animal bred in the island is accorded registration in the Herd Book unless it has passed a very severe test to which it is subjected by the Breed Society's Committee of Inspection at which it must come up to certain standards of merit. Some eighty years ago the Jersey cow came much in vogue in the U.S. America, and the demand for this breed so far outstripped the available supply that bidders forced up the prices to a remarkable level.

Jersey is the largest of the Channel Islands, with an area of 45 square miles, the whole surface being undulating, with fertile valleys enclosed within the hill ranges. The Island has the appearance of an orchard dotted with picturesque villages. The climate is very mild and the annual rainfall about 34 inches.

THE GUERNSEY BREED—The total area of this Island is scarcely more than 24 square miles, and of

this area perhaps only some ten to twelve thousand acres are capable of cultivation, in view of which fact it is indeed worthy of note that here since time immemorial a breed of cattle has been reared the reputation of which has now spread all over the world, a remarkable testimonial to the high skill in cattle breeding which has here developed in the course of time. The origin of the breed can be traced back to the year 900 when French monks shipped Brittany cattle to the Island, with a view of here continuing the breeding of a type of dairy cow for which the village of Diellette in Brittany then enjoyed a great reputation, and where the best butter in France in those days was made. To Guernsey is due the honour of having been the first country in Europe to adopt the system of recording milk and butter fat tests for the full period of 365 days, a system of Recording that has brought out the remarkable high butter-fat content in the milk of the Guernsey cattle. Although it is commonly held that the Guernsey cattle are related to the Jersey, this is not the fact. In size as well as in general appearance these two breeds differ very considerably. The medium size of the Guernsey cow averages from 1,000 to 1,200 lbs., while the bulls reach a weight up to 1,850 lbs. Guernsey Island bulls are splendid reproducers, and as Guernsey cattle herds now exist in a great number of countries, these Island bulls enjoy a considerable demand for blood refreshing. The Island is completely free from contagious diseases, and abortion has never occurred, a remarkable fact. The Herd Book Committee of the Royal Guernsey Agricultural Society is exercising the strictest control of the breeding of these valuable cattle, and their purity nowadays is absolutely certain. In fact, no Guernsey animal having once left the Island is ever permitted to return. The annual export numbers reach 750—850 head of which probably 55% are shipped to U.S. America and other countries of the American continent. It is claimed for the Guernsey cattle that their constitutional vigour makes them adaptable to every climate, a circumstance that has made it possible to rear these beautiful animals in such different climates as Canada, Brazil, Chile, South Africa, etc. The vigour and development of the bulls is the outcome of the rule adopted by the Society a long time ago, that no bull may be utilised for service until he has reached the age of fifteen months, prior to which he must be shown with his dam before the Herd Book Committee which alone is competent to decide whether the animal is suitable for reproduction.

Illustrations page 26.

For Breeders of Jersey and Guernsey Cattle in the Islands, see pages 305-6

Livestock Breeding in Australia.

The Live Stock estimate for Australia states cattle 13,282,000, sheep 104,000,000, pigs 1,130,000, horses 2,252,000

Australia bids fair to become one of the largest live stock raising countries of the world. When it is borne in mind that so far, Australia is only very scantily populated, although the largest island in the world, and that enormous stretches of land are still entirely uncultivated the already existing large herds of cattle and sheep signify that the development of her live stock industry has only just begun. It is a remarkable fact that in Australia no indigenous cattle, sheep, pigs, horses or goats ever existed, and the now existing agricultural animals were originally imported. Almost all the arable portions of Australia are well fitted for the various agricultural crops of Europe and America and wheat, cotton and sugar cane grow to perfection. Forage plants do exceedingly well.

Australia is practically the geographical centre of the British Empire. First visited by Dutch and Portuguese sailing vessels in the Fifteenth and Sixteenth Centuries, the distinction of really discovering Australia fell to Capt. James Cook who was the first to hoist the British flag—in Botany Bay in 1770—when he claimed Australia on behalf of the British Crown. However the colonisation of Australia did not commence until many years later, but the enormous possibilities of development, almost boundless, were scarcely imagined. To day the Commonwealth people create new wealth every year worth £450,000,000, a figure which is rapidly increasing. Thus the value of agricultural production may be estimated at £110,000,000, the pastoral at £125,000,000, the dairy and allied industries at £50,000,000, forestry and fishery at £14,000,000, mining £27,000,000, and manufacturing £140,000,000, while Australia's overseas trade reaches the considerable figure of nearly £310,000,000 per annum. With the small population of only about 6,000,000 the national thrift is remarkable, as indicated by the number of bank depositors now reaching over 4,200,000, with deposits of over £196,000,000, equalling more than £32 per head. Railway construction now covers over 25,000 miles and the capital invested in railways is over £290,000,000. As the territory of Australia is over 3,000,000 square miles it will be seen that the country holds an important future for its own and for the surplus population in other parts of the British Empire. Australia is undoubtedly becoming one of the most influential among the British Dominions and that she will play a great part in the future of Pacific development is undoubted.

In Australia the opportunities for mixed farming are certainly without limit, as, owing to the climatic conditions, every branch of agriculture and live stock

breeding can be profitably undertaken, such as wheat cultivation, sugar cane, cotton growing, fruit and wine pressing, and every other suitable agricultural crop, while sheep and cattle breeding already undertaken on extensive lines, are still only just beginning. Along the coastal areas of Western Australia, Victoria, New South Wales and Queensland, and a portion of South Australia the rainfall is satisfactory, but in the Northern Territory and in the northernmost parts of Queensland where the climate is tropical, the rainfall is unreliable.

The Shorthorn breed is coming much to the fore in the dairying districts of New South Wales and Queensland, and the Jersey and Guernsey breeds are increasing in number and quality from year to year. The Ayrshire breed is becoming more popular. A campaign is carried on in favour of utilising a better class of bull, and in Queensland and South and Western Australia this campaign has already caused great improvements in cattle breeding. Herd testing has been carried on for a number of years, much to the betterment of the pure bred herds. This has greatly assisted the dairy industry as well as pig and poultry breeding, and the milk yield is increasing in the individual herds. The value of the production of these industries is now approaching £80,000,000 per annum. In the State of Victoria a condensed milk industry and the manufacture of milk powder from skimmed milk are creating new wealth. By adopting a crop cultivation competition scheme the yield in maize and other crops has been considerably increased—120 bushels of grain to the acre now being obtained in many parts on the coast land, while the green fodder yield has increased from 30 to 45, or more, tons per acre. The fruit cultivation industry is rapidly increasing in importance in all the States, and in Victoria, where a very extensive irrigation system has been opened up so that 25% of the acreage of this State is now artificially supplied with water, over 1,500,000 acres can be constantly irrigated.

The Australian meat industry is assuming dimensions which promise that the country is bound to become one of the greatest factors in the world's meat supply. If the Government will continue granting facilities for the cattle industry through granting leases for large areas thereby ensuring safety to the capital invested, there is no reason why scrub breeding should not rapidly be discarded. When Argentina has reached its utmost limits of production—and signs are not failing that this may soon be the case—Australia will probably rapidly compete with that country as well as Uruguay in the production of high class quality

beef As the United States of America is already declining from year to year in beef production while Canada for many years to come may hold the field in the United States for her surplus production as being nearer at hand than Europe Australia may probably be expected to expand during the next twenty five years According to statistics the export figures for Australian meat however are greatly varying owing to the long periods of drought which especially in Queensland are damaging the industry In the year 1925 the exports reached over 148 000 tons What conditions may become in Northern Australia in the near future is impossible to foretell but as there are over 1 000 000 square miles in that district it may be anticipated that when the surface water question has been satisfactorily arranged the present stock there of scarcely more than 1 000 000 head of cattle will rapidly increase indeed according to expert opinion it should be possible to maintain 10 000 000 head of beef cattle on these 1 000 000 square miles of tropical land So far capital is holding back for obvious reasons It is stated on good authority that when the Northern Territory has been prepared for a safe Beef Cattle Industry Australia's annual exports will certainly reach from 300 000 to 310 000 tons of meat per annum For this huge export outlets would be easily found in Europe chiefly in Great Britain whose home production of beef mutton and lamb average 1 000 000 tons while her requirements per annum are over 2 000 000 tons Perhaps the chief difficulty in the Australian meat export trade lies in the fact that although the country can raise as good cattle and sheep as any other country the enormous distances over which the live stock has to be carried to reach the seaboard causes a depreciation in value of over 30% Another drawback of course is the horns which constantly inflict damage when the animals are driven in large herds but the question of dehorning all the Australian beef breeds is now under serious consideration

The following figures indicate the development in Australia's live stock industry Seventy five years ago the live stock estimate mentioned 1 900 000 head of cattle 16 000 000 sheep and 160 000 horses as compared with the latest census as already mentioned It may be maintained that the rapid development of Australia is owing to the pastoral industry and wool production of which the clip is now approaching the stupendous annual value of £18 000 000 As Australia only consumes from 6% to 9% of this clip it is obvious that the huge capital emanating from the exports of the balance is a source of great importance The home consumption in Australia of sheep and lambs now reaches about 15 000 000 and the rest is exported The number of wool growers in Australia has now reached over 86 000 and their skill as breeders is considerable As Australia is the largest Merino wool producer it is obvious that she will increasingly become a most important factor in the world's woollen goods manufacturing industries Buyers from all parts of the world every year visit Australia, and the

commercial value of her Merino wool is rapidly increasing owing to better breeding stock and better storing and marketing conditions This in turn is causing a steady demand for high class rams and there are few graziers in the Commonwealth who to day would deny the importance to their flocks of breeding from the best stud animals available The present day type of Merino sheep in Australia is a different animal to what could be seen some 25 years ago the breeders having succeeded in creating a splendid compact animal growing a maximum amount of wool yielding a fine carcase and able to withstand the long dry periods Thus while the average wool clip per animal some fifty years ago only reached 4 lbs it has slowly increased and is now over 8 lbs Sheep experts hold that the Northern Territory offers the greatest opportunity for sheep breeding and if reliable export facilities over a well conducted railway net can be provided and safe land tenure can be offered sufficient numbers of sheep breeders can be attracted while capital to finance their operations may be forthcoming through joint Government and Bank measures It is generally held in Australia that sheep breeding is a better proposition than cattle In a recent estimate by one of the best known sheep experts it was stated that Australia's sheep carrying capacity can be developed to 35% more sheep than the present stock If this is possible Australia will soon dominate the world's Merino wool markets

VICTORIA The total area of this State is 87 890 square miles i.e. equal to the area of England Wales and Scotland The population now reaches 19 people to the square mile and thus Victoria is the most densely populated of the five Australian States The soil is wonderfully fertile and the country is remarkably well developed The live stock consists of 730 000 dairy cows and 790 000 head of other cattle 14 000 000 sheep 350 000 pigs and 465 000 horses The annual production of butter is over 100 000 000 lbs 6 250 000 lbs of cheese over 22 000 000 lbs of bacon and hams and 108 000 000 lbs of wool

Victoria's overseas trade is rapidly expanding now worth over £95 000 000 The banking figures are remarkable—16 banks with over 885 branches and the deposited capital according to the latest statistics reaching over £94 000 000 The numerous Friendly Societies have a membership of over 156 000 possessing funds of over £4 000 000 Wheat is cultivated on an area of over 3 000 000 acres and oats on 1 275 000 acres

NEW SOUTH WALES The acreage in this State is nearly 200 000 000 acres Along the coastal belt farming and agriculture are the chief industries On the highlands and the slopes cattle breeding is the main pursuit, and on the plains sheep breeding and wool production dominate all other occupations In the coastal districts the rainfall varies from 21 in. to 70 in., on the western slopes from 16 in. to 32 in., on the

from 8 in to 27 in and on the tablelands from 19 in to 65 in and thus this State is well provided for in this respect. Out of the total population of Australia New South Wales holds about 2 325 000. The cultivation of wheat is increasing. The total acreage suitable for wheat growing is over 25 000 000 acres. According to an estimate of recent date the total value of farm properties in the State approximated £388 000 000. The production of wool has now reached over 400 000 000 lbs derived from a sheep stock of about 48 000 000. The dairying industry is rapidly expanding the production of butter now reaching nearly 118 000 000 lbs.

QUEENSLAND Perhaps Queensland is the most progressive among the Australian States. That she will become one of the largest contributors of agricultural wealth is beyond any doubt. Rightly Queensland has been called a land of promise with its enormous areas available for development with its beautiful climate and with opportunities for everybody. The chief industries are of course agricultural and pastoral. According to the latest estimate there are 190 000 acres in the Palmerston area west of Innisfail available for development while in the Callide Valley 3 000 000 acres are available for settlers. When the north coast line is satisfactorily linked up with Rockhampton Gladstone and Maryborough and the Capella lands in Central Queensland can be made more accessible very large areas suitable for cotton growing dairying and sheep raising will be available for the intending settlers. In the Roma district an area of about 330 000 acres will soon be portioned up for settlement purposes. Queensland is *par excellence* the home of the large cattle stations. These are chiefly in the north west and western parts of the State bordering on Northern and Central Australia i.e. the Northern Territory. The fact that a great number of these stations carry from 10 000 to 50 000 head of beef cattle indicates the great possibilities for the development of the beef breeding industry. The Queensland Government own and run various cattle farms on which some 250 000 head of cattle are grazing. The number of head of cattle in Queensland is now more than 7 000 000. Large areas suitable for cattle ranching are available at most reasonable rentals—from 1d per acre and upwards. The maximum area that can be acquired by one person for grazing purposes on satisfactory tenure terms is 60 000 acres.

Sheep breeding is coming much to the fore in Queensland. The last official estimate states the number of sheep as 18 000 000. Sheep grazing is here carried on on a large scale the average flocks reaching 4 200 head. A considerable number of grazing farms are now available in sizes of 10 000 acres. A few years ago a new Irrigation Act was adopted according to which the whole of the country has been organised into water districts. Queensland like the other States however suffers from lack of population as there is only one person to every two square miles.

SOUTH AUSTRALIA This State is particularly blessed by nature the soil being exceedingly fertile and everything seems to grow in abundance. Including the Northern Territory the total area of South Australia is over 900 000 square miles. Excellent wheat is cultivated for which top market prices are always obtained. Probably the wine and dried fruit industries will reach very large figures and the quality of these products is excellent. Poultry farming is a highly paying proposition and bids fair to become one of the staple industries of the State. Sheep breeding is rapidly developing. The total area of pastoral lands in South Australia occupied or not is estimated at 211 000 000 acres approximating 87% of the State. When the water question can be properly solved South Australia will probably develop as a wool producing country but the lack of water is a serious drawback. The rainfall is very scanty and probably the whole of the sheep country has a rainfall of less than 10 in. On the other hand the natural grasses growing everywhere are highly nutritious and a certain degree of moisture is absorbed through these. The latest sheep stock estimate stated the total number of sheep as reaching 6 250 000 head. Of the total acreage probably only 52% are occupied. A Royal Commission is now enquiring into the possibilities of developing the pastoral industries of the State with a view of solving the water question and providing means to attract sheep breeders as settlers. There is many a sheep station of more than 1 000 square miles in area and the greater number of these stations hold 175 to 200 square miles. With a view of filling up the large empty spaces it has been suggested that leases of from 50 to 75 years should be granted to sheep breeders who should obtain their tenures without paying anything for the first fifteen years. Up to now more than £10 000 000 have been spent on water conservation and large further capital will be set aside for water boring in the undeveloped districts. In the Tarcoola district stretching to the borders of Western Australia and the Northern Territory an area of over 100 000 000 acres is now being surveyed in regard to water the idea being to secure an ample supply of water so that the district may develop as a sheep breeding area.

WESTERN AUSTRALIA This State holds the enormous area of 976 000 square miles and the coast length is over 5 000 miles. The population is smaller than in any other Australian State but probably settlers will be attracted in ever increasing numbers as and when road—and railway—communications are developing. The lack of population may be appreciated by stating that while Great Britain has 390 people to every square mile there is only one person to every two square miles in Western Australia. Of the large area suitable for farming probably only some 9 000 000 acres are now bearing crops. Wheat cultivation is developing and the qualities of the grain are excellent. The fruit industry is also developing and will be rapidly increasing as and when regular markets can be found for the splendid quality fruit cultivated all over

the State. Coal and gold mining is likewise expanding, but the live stock industry is the prime source of income. According to the latest estimate, the sheep stock has now reached about 7,000,000 head, cattle over 1,000,000, and horses about 188,000. Pig breeding has not yet developed, and the number of pigs is probably less than 100,000. Sheep breeding is, therefore, the main pursuit in live stock breeding. The annual clip now reaches about 50,000,000 lbs. Of the total acreage, about 625,000,000 acres roughly 370,000,000 acres are still unoccupied, belonging to the Government. According to the Land Act, Western Australia is divided into five main "Divisions"—Kimberley, North West, Eastern South West, and Eucla. Of these, the first three mentioned are especially suitable for pastoral purposes. In the eastern division gold mining yields a considerable source of income. Mixed farming is chiefly carried on in the South Western and Eucla divisions. In the South Western division, which contains a long strip of splendid land along the south western and southern coast, the bulk of the population resides. There are more than 40,000,000 acres suitable for agricultural purposes, with excellent soil and reliable rainfall. Probably the best lands in the whole of the State are along the northern belt, extending from Dongara on the coast eastward through Mingeneu and northwards up to the Murchison river. With a view of attracting suitable settlers most easy terms are offered by the Government, and areas of from 100 to 1,000 acres of land suitable for cultivation can be acquired at a rental of from 10s to 15s. Land suitable for orchards and vineyards, or garden farming, is obtainable in blocks of from 5 to 50 acres at 10s, the payment of which can be extended over several years. Grazing land is obtainable on lease in blocks of up to 5,000 acres for tenures of from 25 to 30 years. In the north and north-west portions large pastoral leases exist, comprising up to 1,000,000 acres, thus the De Grey Sheep Station in the north west not so long ago comprised 5,000,000 acres. Splendid pastoral lands can be leased in blocks of 1,000 acres at rentals of from 3s to 10s per annum. It may be stated that of all the States, Western Australia probably offers the greatest scope for expansion of the pastoral industry. So far, pastoral leases aggregating more than 220,000,000 acres have been taken up. The climate is good, and speaking generally, contagious diseases are not doing much damage. In the Kimberley district many cattle stations comprise 1,000,000 or more acres, generally carrying 30,000 head. In the Murchison district the average cattle station comprises 250,000 acres. Stations holding from 50,000 to 100,000 acres seem, however, to be most in demand. It is stated that the carrying capacity is here one sheep to 14 acres, but further back in the country one sheep per 20 acres seems to be the rule. On the

best developed stations in the Murchison district an average of 20,000 sheep are kept on an acreage of 200,000 acres.

The general sheep breed in Western Australia is the Merino, and the care of the flocks and selection of valuable stud animals as now displayed bodes well for the future of this important branch of live stock breeding. Thus ram breeding as an industry is now being supported by the Government and meeting with much encouragement in the State. Besides Merinos, Lincoln, Dorset Horn, Border Leicester, Shropshire and Romney Marsh breeds are much in favour. A number of sheep stations are catering for the early lamb trade, and it is generally held that the Dorset Horned rams are the most suitable for cross breeding. Undoubtedly, sheep breeding is more in vogue among farmers than cattle breeding. The Department of Agriculture is encouraging the smaller farmers, men with limited capital, advising them to run stations holding from 300 to 1,000 sheep only, chiefly for raising lambs for the early lamb trade. As a producer of Merino wool, Western Australia ranks high. The Department of Agriculture spares no pains in instructing and advising wool growers in their task, and wool buying houses and wool brokers report a steadily improving quality. During recent years meat works for cattle and sheep have been erected, and a brisk trade in frozen and canned beef, tallow and hides, is springing up with a number of European countries and with Java.

NORTHERN TERRITORY Not so long ago it was held that the white man could not exist in Northern Australia, but practical experiments have proved that this is by no means the case. Indeed, it has been satisfactorily proved that the white man can easily live in this extremely hot country, and as sheep can profitably be raised on the tablelands everything points towards the Northern Territory becoming a pastoral district of considerable importance. The "North Australia Act" passed some years ago provides for the division of the territory into two parts, North Australia and Central Australia, lying respectively north and south of the 20th parallel of south latitude. The development of the territory is in the hands of a Commission, and various schemes for opening it up are under consideration. While the climate is very hot it is by no means unendurable.

**BRITISH BREEDERS
ILLUSTRATED
ANNOUNCEMENT**

Livestock Breeding in Tasmania.

The Live Stock estimate for Tasmania states cattle 300 000, sheep 2,250 000 pigs 105 000
 horses 85 000

Among the beautiful islands of the world Tasmania stands out as one of the prettiest. With its salubrious climate—mean winter temperature 48 deg and summer 62 deg an average rainfall of about 21 in and glorious scenery it is indeed a country where life is pleasant. The larger part of Tasmania consists of a central plateau at a general elevation of 3 000 ft on the summit of which there are several most picturesque lakes. First discovered by the Dutchman Tasman in 1642 the island was partly explored by Capt James Cook in 1769 and since 1901 it is one of the States of the Commonwealth of Australia. The total area of the island is about 26 200 square miles or nearly the size of Scotland. The chief natural assets besides a fertile soil consist of very large limestone deposits stretching for mile upon mile now utilised for the production of carbide and electrolytic zinc minerals such as copper coal bismuth asbestos etc and very large forests. From the agricultural point of view Tasmania is noticeable for cultivation of fruit potatoes and wheat. Excellent wheat yielding from 48 to 54 bushels to the acre barley of highest quality suitable for whiskey distilling oats of outstanding quality and

pulse beans and peas are grown. Fruit cultivation is rapidly extending 26 000 acres now bearing an apple crop which in normal years yields over 3 800 000 bushels. Owing to the lovely climate and abundant grazing dairying seems to make rapid strides and feeding crops are being extended from year to year. The vigorous live stock now bred testifies to the fact that Tasmania is an excellent country for the dairy farmer, indeed 93% of all Tasmanian butter exported is now graded as First quality. To the production of cheese great attention is given and speaking generally, Tasmanian dairy products find a ready market in all European countries.

As a result of the 1920 Forestry Act by which a Forestry Department was created the timber industry is now rapidly expanding and 1 500 000 acres bearing magnificent timber are set aside as State property.

From the live stock breeding point of view Tasmania seems pre eminently suitable for sheep breeding. Thus the wool clip now reaches the considerable weight of about 11 000 000 lbs chiefly sold at the annual wool sales held at Hobart and Launceston to attend which buyers travel from America Europe and Japan.

For Lists of Breeders of Pedigree Cattle Sheep Pigs and Horses in Tasmania see pages 332 4

Livestock Breeding in New Zealand.

The Live Stock estimate for New Zealand states cattle 3 465 000 sheep 24 920 000, pigs 485 000
 horses 328 000

With only a small population—1 500 000—of which 99% are pure British the achievements of the New Zealand people during the eighty years of civilised settlement deserve the greatest admiration. Although the most distant of all the British Commonwealth of nations New Zealand is probably the most thoroughly British in sentiment as well as in the mode of living and the New Zealander is undoubtedly the best customer of the British Empire as he purchases about 73% of his overseas requirements from other countries within the Empire. Visiting the country a few years ago the Prince of Wales expressed his impression of what he had seen in New Zealand in the following words:

New Zealand is a land not merely of opportunity but equal opportunity for all and I have well being and happiness more uniformly at the population of town and country is par preference the live stock, with a very wide range of soils and suitable for the various branches the greatest asset of the island

is the wonderful pastures most of which have been created through the sowing of English grasses. The forage crops seem to have an almost miraculous quality for fattening live stock and one has to travel far and wide to find a country where the general standard of live stock is as high as in New Zealand. The Department of Agriculture is one of the most vigorously active institutions of its kind unceasingly trying to organise services to farmers and primary production lending a helping hand everywhere through instruction scientific investigation and research work connected with agriculture in field and laboratory. The high level of live stock breeding can best be summarised by stating that it rests on permanent rotational grass lands where no winter housing is required.

Some years ago the Government adopted a scheme for placing a large acreage under irrigation. In 1919 3,200 acres were irrigated while now over 30 000 acres are subjected to the scheme. As a result a considerable number of settlers will be assisted in their requirements of water, and every year the scheme

covers larger areas. Unlike the Australian live stock man who for local reasons must base his economy on large holdings the New Zealand farmer prefers a smaller, but well managed farm. Dairying is making rapid headway, and from very small beginnings the industry is now one of the most important in New Zealand as illustrated by the fact that while 32 years ago 5 000 tons of butter and cheese were exported, valued at £500 000, the exports are now valued at nearly £20 000 000, all derived from the small farms. Within measurable time New Zealand may probably oust Denmark as the chief supplier of Great Britain's requirements in dairy produce. When herd testing was introduced some years ago it was found that a great number of the dairy cows consisted of very inferior animals of obscure ancestry. Every year the number of "scrubs" weeded out and replaced by valuable animals of high performance increases the value of the dairy industry, and within the next ten years the dairy cattle stock of New Zealand will probably be of exceptionally high value. One of the chief reasons why the herd testing system is making headway is the co-operative spirit among the farmers who in this respect seem to be imbued with the same ideas and aims as the Danish farmers. To-day it is widely recognised that co operation brings in train the greatest possible advantages such as bringing live stock breeders together whereby instruction is facilitated while it contributes to general efforts for better marketing methods. In turn this hearty co-operation among the farmers enables them to obtain cheaper and better financing from banks or export merchants, and the farmers feel that they are a power in the land with which the country has to reckon. The Dairy Produce Control Board seems by degrees to obtain absolute control in spite of opposition here and there. Soil and climatic conditions are remarkably suitable for the production of milk and butter, and as the cows can be grazed the whole year round, many of the handicaps attached to dairy husbandry in other countries of the world are non-existent. The systematic increase in the butter-fat yield per cow testifies to the great value of herd-testing.

When it is borne in mind how small the population really is the following figures are remarkable and illustrate the saving disposition of the islanders. In the Government and Trustee Savings Banks the deposits now reach nearly £55 000 000, equal to over £40 for every man woman and child. This figure is better appreciated by a comparison with the average saving per head in Great Britain a little over £6. According to Government statistics the private wealth in the Dominion has reached the stupendous sum of £745 000 000, i.e., over £553 per head of the whole population. Shortly before the war the total wealth of the nation was estimated at about £260 per head.

The comparatively large sheep stock in New Zealand now nearly 25 000 000 head signifies that the island is the sheep breeders' country. Probably this number will considerably increase in the future, mainly owing to the circumstance that on the mountains, on the

hills and on the plains alike English grasses grow abundantly. Sheep breeding has always been the mainstay of New Zealand farming, and it is only in recent years that the dairy industry has come to the fore. Until towards the end of the last century most of the agricultural land in New Zealand belonged to larger estates, since when, however, for various reasons, chiefly political and economic, the tendency to portion up these large properties has made itself felt. Thus to-day the average flock is under 1,000 sheep. Flocks numbering 15,000—20,000 are very few. Undoubtedly it is owing to this sub-division of properties that it has been possible to raise the quality of the breeding stock by means of better supervision of the flocks, and more thorough selection of breed animals, and the increased yield in wool and better carcasses is evident everywhere. The annual value of the New Zealand clip has reached £10 000,000. As for sheep breeds, British breeds predominate. In the South Island the Merino sheep is still in vogue and Merino blood can be traced in many districts. The Romney Marsh sheep is probably the dominating breed, having been utilised during the last twenty-five years in both Islands, where it is a favourite owing to its ability to withstand foot rot, a sickness difficult to fight when the grasses grow too abundantly in the moist districts. It is maintained, and probably rightly, that the Romney Marsh sheep, as bred to day in New Zealand, grow a denser fleece than the Romneys in England. Speaking generally, the New Zealand Romneys develop a more lustrous and well-crimped fleece, while on the other hand it is probable that the size of the animals is somewhat smaller than in their original homeland. Another breed of excellent quality in New Zealand, the Southdown, is in great favour owing to its suitability for crossing with the Romney ewe as the cross yields a magnificent carcase, weighing from 35 to 40 lbs at the age of 18 to 20 weeks. The Leicester breed is another favourite, chiefly in the Canterbury district, with open and dry country. In this district great changes have taken place lately, the cross breeds having slowly pushed out the pure-bred Merinos.

One of the most prominent among the world's sheep breeds, the Corriedale, evolved through breeders' skill by means of in breeding and half-breeding between Lincoln Merino and Leicester-Merino, is a remarkable achievement in stockbreeding. The present day's Corriedale sheep rank among the world's best sheep breeds for which the market demand, especially in Latin America seems to be steadily increasing. The Corriedales yield a very desirable carcase and a clip of considerable weight and 50's—56's *Bradford count*. The Corriedale ewes seem to mate particularly well with all the other Down breeds. The Ryeland sheep is coming much to the fore in New Zealand. At the Annual Live Stock Shows the interested visitor has ample opportunities for examining the various British sheep breeds concerning which, without exaggeration, it might be stated that they are evolving all the good points of their ancestry in a remarkably high degree. While soil and conditions generally are exceedingly

favourable for sheep breeding it should not be overlooked that the present high standard of the flocks is to a certain degree the result of the skill imparted to breeding in the island through Scottish and English sheep men

The refrigerating industry in New Zealand has made astoundingly rapid expansion. Thus the day-killing capacity of the Islington, Smithfield Inlay, Picton and Burnside works is now over 24 500 sheep and lambs and 400 head of cattle, the annual output reaching over 1½ million carcasses of frozen mutton and lamb. The fact that the English butcher now-a-days often demands and obtains the same price for Canterbury lamb as for best English speaks volumes for New Zealand's sheep breeding industry. Since 1882 the New Zealand exports of frozen lamb and mutton have steadily increased in quantity and quality alike, and the prospects are that this increase will continue as and when the storage capacity in New Zealand develops. The importance of this matter cannot be overlooked and it was amply illustrated during the war years when the New Zealand refrigerating stores held large meat resources of England and her Allies. The present storage capacity has reached over 6 800 000 carcasses. The Department of Agriculture exercises the most stringent slaughter-house control, and no meat is exported unless first subjected to a very rigid veterinary inspection. Thus, resulting from the Slaughtering Act of 1908, no live stock can lawfully be dressed or sold for human consumption unless first registered at the slaughterhouse and no meat can be exported without a Government Inspection Certificate. To day New Zealand is remarkably healthy as regards her live stock.

As the Dairy Industry develops pig breeding will follow, but while it has up till now been a side line almost there is now a tendency among New Zealand farmers towards taking up pig breeding on a large scale, as it is recognised that what Denmark can do in the way of pig breeding and feeding, the New Zealand farmers should be able to do just as well. The Meat Producers' Board is investigating the question of inaugurating pig breeding on a large scale, and the various breeds suitable for the purpose are being examined. Obviously there are several pure pig breeds in Great Britain suitable for New Zealand's requirements, but it is not impossible that a new type of pig may ultimately be evolved through crossing different British breeds, once they have been tried separately as to performance and fecundity when several generations, from imported breeds, reared in New Zealand can afford material for study and selection. Presumably pig breeding would rapidly develop in New Zealand owing to the existing farm system—the many small holdings, and there is no reason why pig farming should not assume large proportions as stabling is an easy matter to contend with and grazing is plentiful. It follows, then, that the most suitable breeds for the country would have to be selected among the grazing breeds. There never was any indigenous pig breed in New Zealand as far as is known, and the earliest known pigs were probably imported through the advent of sailing vessels.

Poultry farming is, likewise, being encouraged, and the production has now reached an annual value of more than £3,500 000.

For New Zealand Breeders Illustrated Announcements see pages 106 7

For Lists of Breeders of Pedigree Cattle Sheep Pigs and Horses in New Zealand see pages 335 359

Livestock Breeding in The Union of South Africa.

By DR A. E. ROMYN Chief Animal Husbandry Officer Department of Agriculture Union of South Africa

For its size the Union of South Africa ranks high as a stock raising country. Despite local set backs the live stock industry is making steady progress and with the opening up of regular overseas markets further great developments are looked for.

HORSES, MULES AND ASSES With the exception of certain areas in the north and along the eastern coast the country is well suited to the production of horses. Complaints in regard to lack of bone and size are largely attributable to the underfeeding of much of the young stock during the winter months.

In the agricultural census of 1925 the number of horses is given at 814 894 that of mules 124 010, and asses at 729 856. It is unlikely that these figures will increase much in the near future. The competition of

the motor car has discouraged the breeding of light horses and the relative cheapness of ox transport power has prevented the general use of heavy horses or mules for draught purposes. There is however, a good, though limited demand for heavy mules or horses in areas short of grazing for work oxen.

It is difficult to foretell the immediate future of horse breeding in South Africa but as the value of land increases there should be a large increase in the number of draught horses and mules used on the smaller farms and in areas of relatively close settlement. At present the Thoroughbred is the predominant light horse type while the Percherons and Clydesdales are the most popular of the heavy horse breeds.

CATTLE The bulk of the cattle stock in the

Union is to be found in the eastern and northern sections of the country, the greatest density being along the eastern coast and on the High Veld of the Orange Free State and the Transvaal. So far, the different breeds and types are not distributed with any strict relation to the value and nature of the country on which they are farmed. With the exception of the town dairying areas around Johannesburg and Capetown, the beef and dairy breeds are used in more or less equal numbers in the various Provinces. In a general way it looks now, however, as though the Northern Transvaal Bechuanaland and the North Western Cape Province will become more or less specialised ranching areas with dairying predominating over most of the remainder of the cattle rearing areas of the Union.

According to the agricultural Census Returns, there were 9 738 337 head of cattle in the Union in 1925, of which 5 316 516 are described as European owned. Of the whole total probably less than 1 000 000 head show any definite traces of improved blood, the great majority being of a mixed native type in which Afrikaner blood predominates. Until recently the prevalence of trek borne diseases has discouraged rapid distribution of improved cattle. For many years the presence of these diseases has—and in some areas still does—made it inadvisable to breed away from the native types which have acquired a relative natural immunity to local diseases. Veterinary research and regular dipping have made it possible now to control the disease situation and progress will be much more rapid in the future. There is a great potential market for pure bred cattle in South Africa.

Nearly all the common British breeds of cattle and the Frieslands have been tried in the Union. Given a fair chance they have all proved satisfactory and the question of the best breed for any particular area is still a debatable point. At present the Frieslands are the imported breed in most general use with the Shorthorns and South Devons as the next most common. The best cattle and the most advanced cattle management practices are in general to be found in Natal and certain sections of the eastern Cape Province and the Eastern Highveld. Steady improvement especially in regard to dairying, is, however, noticeable throughout the country.

SHEEP AND GOATS Sheep farming has of recent years been the most popular type of livestock farming in the Union. Great advances have been made both in the type of sheep and in the method of market-

ing the wool clip. Much of this advance has been due to the educational work of the Department of Agriculture and to the introduction of vermin proof fencing which does away with the necessity of 'Kraaling' the sheep at night. The stimulus of prosperity has proved a great spur to progress.

According to the 1925 Census Returns the number of sheep in the Union is 32 005 627 woolled and 3 564 085 non woolled. The woolled sheep are practically all Merino, there is only a small representation of British breeds and the non woolled are predominantly of the Afrikaner and Persian types which are characterised by fat tails and hairy coverings of various markings.

Two interesting recent developments in the sheep industry are the attempt to spread the production of sheep northwards into what are now the cattle ranching areas and the introduction of British breeds of sheep into localised areas for the production of cross-bred mutton lambs. Both policies have given encouraging results.

In 1925 2 137 194 Angora and 5 885 663 other goats were reported in the Union. In general, goats are kept where the conditions are unsuitable for the raising of Merino sheep. The centre of the Angora industry is in the Cape Midlands. Though South Africa is noted for the high quality of its mohair clip there has since 1919 been for economic reasons a gradual decrease in the number of goats farmed. Other goats are distributed over the dry Karroo areas, the North West Cape Province and the native areas. They are hardy breed readily and are the most profitable type of stock to keep where sheep do not thrive.

PIGS For a number of years efforts have been made to build up a bacon industry in the Union. In 1925 the number of pigs was returned as 800 883. While this number shows a decrease over previous years, there has undoubtedly been a great improvement in the average standard of the pigs and the method of feeding during recent years.

South Africa is eminently suited to the production of pigs. The climate is relatively mild there is little disease, and maize is easy to grow. Pigs do well and once an export trade is stabilised great progress is looked for in the industry.

The commonest type of pig is the Large Black. Tamworths Large and Middle Whites and Berkshires are raised both pure and for crossing purposes. Attempts have also been made with the Land pig and a few Duroc Jerseys have been imported from the United States of America.

For S. Africa in Breeders Illustrated Announcements see pages 422-423-424

For Lists of Breeders of Pedigree Cattle, Sheep, Pigs and Horses in The Union of South Africa see pages 418-422

WATER! SEE PAGE IV.

Livestock Breeding in Canada.

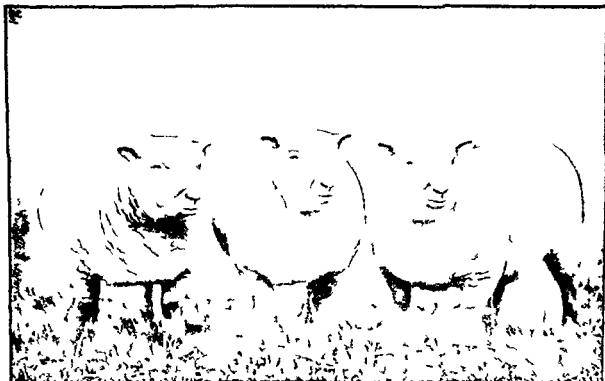
The Live Stock estimate for Canada states cattle 9 476 000 sheep 2 882 000, pigs 5 000 620
horses 3 565 000

Nobody travelling through this country can avoid being impressed by its unique possibilities for development. It is the greatest unit in the world with an area of 3 600 000 square miles as compared with the area of Brazil 3 219 000, Australia with 3 000 000 and US America with 2 900 000 square miles. What its future will be nobody can foretell but every indication points towards Canada someday becoming one of the greatest world centres of trade and manufacturing. A few facts and figures will illustrate the remarkable progress of the country. Sixty years ago Canada consisted of four isolated Provinces in the east. The west and the north were then unknown country. To day the number of Provinces is nine the area has increased ten fold and now reaches from sea to sea. The Prairie Provinces were then the happy hunting field of the Indians while to day they yield more than twenty times the quantity of wheat grown all over Canada as recorded on the 1st July 1867 when the first Parliament of the Dominion was opened. In 1890 the total capital invested in Canada then considered stupendous reached 450 000 000 dollars as against 4 640 000 000 dollars to day. In 1871 the value of Canada's field crops was estimated at £22 300 000 as against £230 000 000 now. The fisheries yielded an income of £1 562 000 in 1871 against over £10 000 000 to day. In 1886 the mineral production was valued at £2 250 000 as against £49 500 000 to day. In 1870 the value of Canada's manufactured goods was estimated at £44 500 000 as against £590 000 000 to day. In 1910 Canada's water power development had reached 975 000 h p as against 4 560 000 h p to day. Canada is now the largest exporter of wheat and wheat flour in the world with an average export figure of over 250 000 000 bushels. Canada probably holds the largest favourable trade balance *per capita* of any country of the world while in volume of external trade she probably now ranks fifth. To day Canada is the largest producer of newsprint in the world and her exports of newsprint have now reached the large figure of 1 885 000 tons. This remarkable development has been effected entirely through immigrants as the indigenous people the Red Indians never were productive. When in 1867 Canada became a self governing partner in the British Empire her population reached 3 500 000 while to day it is over ten million. The steadily increasing stream of immigrants was made possible through a wise immigration policy offering free home streets to settlers.

While Canada is forging ahead as a great manufacturing country it is still chiefly the country of the farmer and live stock breeder, with immense possi-

bilities for expansion as an agricultural producing country owing to the fact that her acreage of land suitable for farming is over 300 000 000 acres of which to day only 60 000 000 acres are under cultivation. The Canadian farm products are of high quality and obtain highest market prices in every market. With all these factors in favour of the country the day will surely come when Canada can outstrip the United States of America. Perhaps the most important factors in the development of this huge country were the national railways through which East and West have been linked together. The Inter Colonial railway and the Grand Trunk railway have been the means of opening up the country attracting settlers and making it possible to convey their agricultural productions to the large places of consumption. To illustrate the importance of these railways it is sufficient to mention that in 1922 the nett earnings were less than \$3 000 000 against the nett earnings of the present day over \$50 000 000. Without her bold railway constructions Canada's national wealth would certainly not be what it is to day making her the third country in the world as regards *per capita* wealth in which only US America and Great Britain exceed her. Thanks to the railways the Canadians have awakened to realise the enormous wealth of their resources. Although the Canadian Pacific Railway has only worked during the short space of forty years the direct as well as indirect results have been stupendous. In 1885 the rail freight tonnage scarcely reached two million tons as against 34½ million tons to day. When another span of forty years has elapsed Canada will probably be intersected by a railway net stretching out in every direction carrying the manufactured and agricultural products of the country to all the markets of the world at a freightage cheaper than even the most vivid imagination to day could contemplate.

It is through cultivation of wheat that Canada has accumulated her enormous wealth. Fifty years ago the first shipment of 500 bushels of Manitoba wheat was carried by river steamer to a distant market while now over 250 000 000 bushels are leaving Western Canada every year to be sold in the principal countries of the world. The large stretches of wheatland the prairie area of Alberta, Manitoba and Saskatchewan more than 800 miles wide are to day thoroughly organised for the production of wheat. The acreage bearing wheat has now reached 22 000 000 acres and new areas are constantly opened up and there is no telling where the limit may be set. Science to day works hand in hand with the practical farmer and thus new qualities of wheat are evolved able to withstand cold

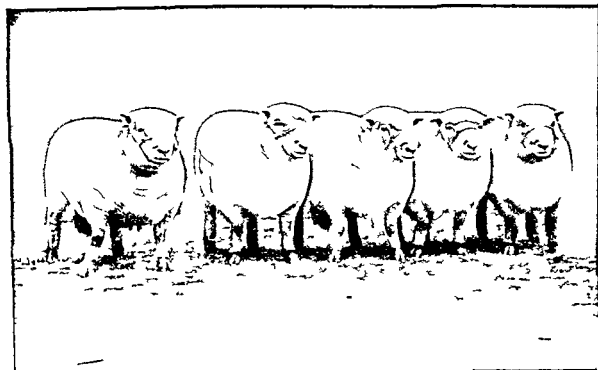


Phot. b. Farn and Co. Ltd.

T x pag 15

Southdown Sheep

First and Champion at the Royal Counties Show, Reigate 1928
 Mr J. P. Morgan, Wall Hill, Aldenham, Watford, Herts.



Phot. b. Sports and Games

(T x pag 13)

Southdown Sheep

Mr J. Langmead, Northwood, Fording, Arundel, Sussex
 First Prize and Challenge Cup at the Southdown Sheep Society's Show and Sale, Chichester 1927

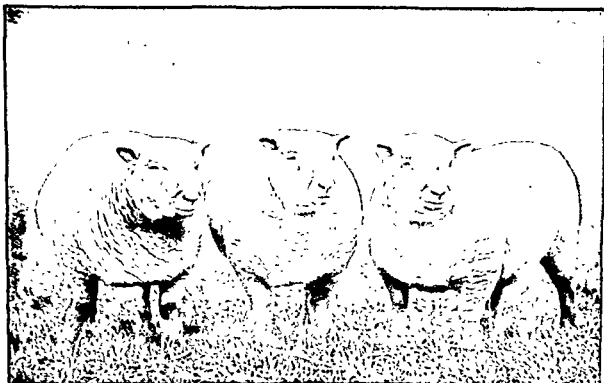


Photo by Farmer and Stockbreeder

(Text page 13)

Southdown Sheep.

First and Champion at the Royal Counties Show, Reigate, 1928.
Mr. J. P. Morgan, Wall Hall, Aldenham, Watford, Herts.

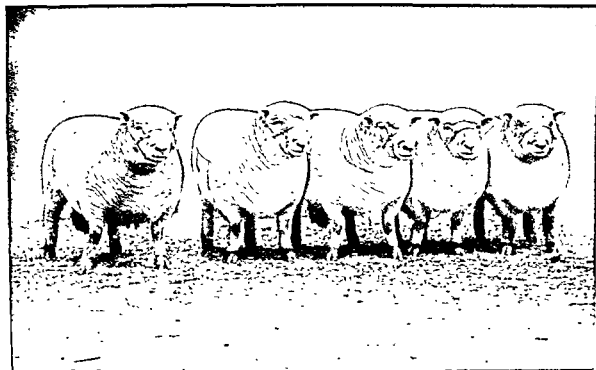


Photo by Sport and General

(Text page 13)

Southdown Sheep.

Mr. J. Langmead, Northwood, Ford, Arundel, Sussex.
First Prize and Challenge Cup at the Southdown Sheep Society's Show and Sale, Chichester, 1927.



Photo by C. H. Farsons

(Text page 1)

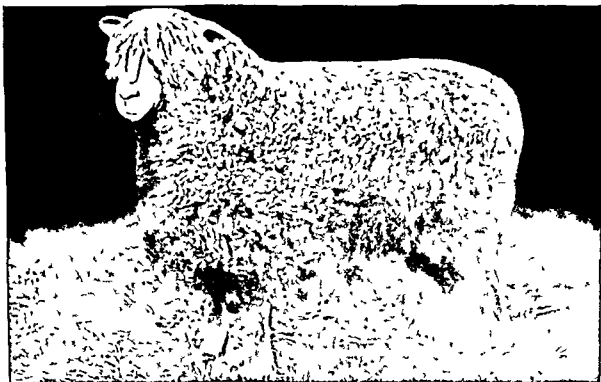
Shropshire Shearling Ram : "Stretton Royal."

Breeder Lieut. Col. E. C. Atkins, Stretton House, Stretton, Baskerville, Hinckley, Leics.
First Prize and Champion at the R.A.S.E. Newport 1927



(Text page 15)

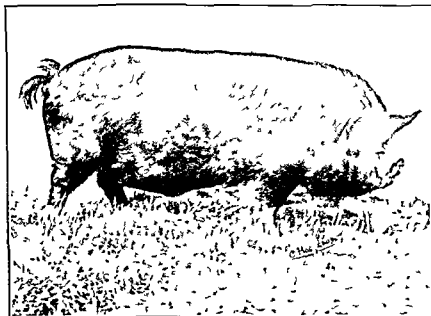
Kerry Hill Ram.



Lincoln Longwool Ram

(Text page 16)

Major W. H. Rawnsley Well Vale Alford Lincolnshire
First Prize and Champion R.A.S.E. Newport 1927



Berkshire Boar : "Leadenham Duke."

(Text page 99)

Mr. J. D. Payer Lenton Hurst Nottingham
First Prize and Challenge Cup for the best Berkshire Boar R.A.S.E. Nottingham 1928



J R O B C H I L D S

Shropshire Shearling Ram "Stretton Royal"

(See page 1)

Breeder Lie t Col F C Atkins Stretton House Stretton Baskerville Hockley Leics
First Prize and Champion at the R.A.S.E. Newport 1927



Kerry Hill Ram

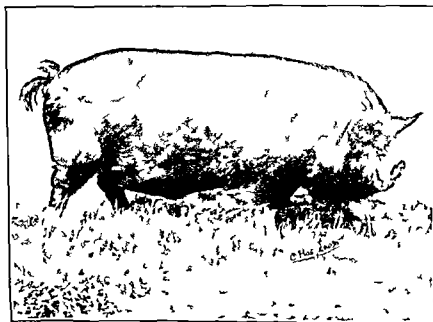
(See page 1)



Lincoln Longwool Ram

Mao W H Rawnsley Well Vale Allford Lincolnshire
 First Prize and Champion RASE Newport 1927

(Text page 1)



Berkshire Boar 'Leadenham Duke'

Mr J D Plaice Lenton Hurst Nottingham
 First Prize and Challenge Cup for the best Berkshire Boar RASE Nottingham 1928

(Text page 99)

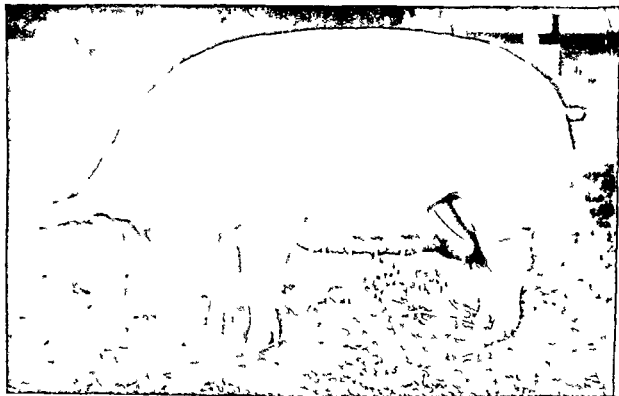


Photo by A. G. A.

Large White Sow Bourne Bonetta 27th

(Test page 1)

Messrs J Rackley & Sons Hermitage Farm Silver Street Edmonton London N 18
First Prize and Silver Challenge Cup for the best Large White Pig R.A.S. Nottingham 1928

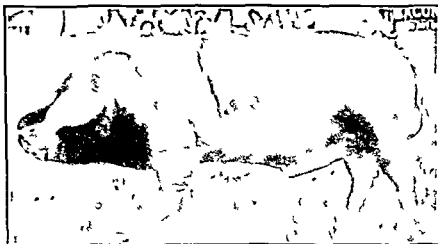


Photo by C. H. Linton

Middle White Sow "Norsbury Welcome 17th"

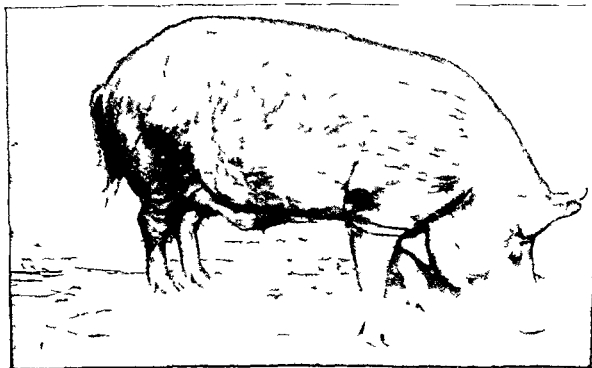
(Test page 1)

Breeder Mrs Hayes Sadler Horne Court Horley Surrey
Champion Middle White Sow R.A.S. Newport 1927



Wessex Saddleback Boar

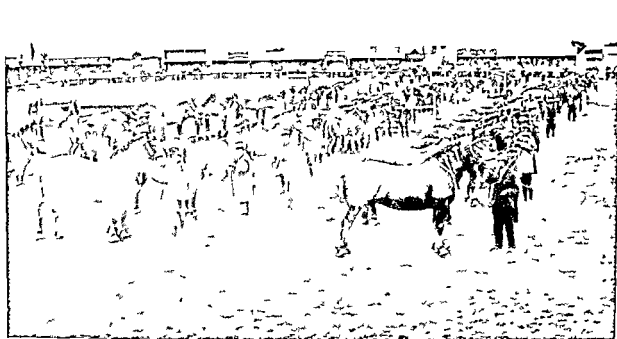
Dr William H Forshaw, Shythehurst, Egham, Surrey
First and Champion on R.A.S.F. Newport 1977



Tamworth Boar "Roxley Peter 3rd"

Rev. Lake S. Noble, The Rectory, Hamstall Ridware, Nr. Rugeley, Staffs.
First Prize and Silver Challenge Cup for the best Tamworth Boar at the R.A.S.E., Newport

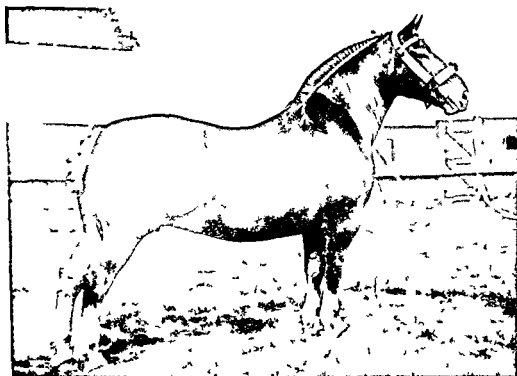
(T. & J. 1977)



100 Spotted

(Text page 99)

Parade of 108 Suffolk Horses at the Suffolk County Show, 1928



100 Spotted General

(Text page 20)

Suffolk Punch Mare : "Sudbourne Areta."

Lord Leach Guinness Dairy Farm, Hoebridge, Old Woking, Surrey
First Prize and Champ on at the R.A.S.E. Newport 1927

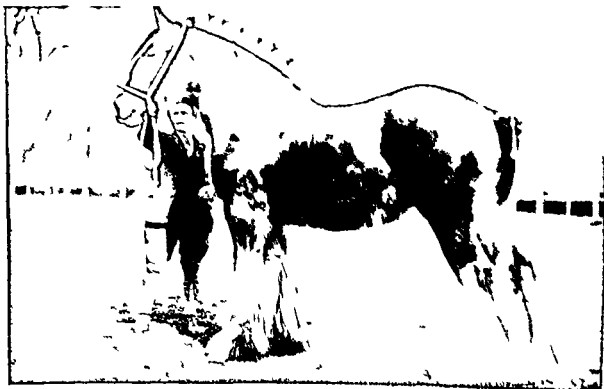


Photo H 1a

Shire Filly "Lockinge Ridgeway Rose"

Breeder: Mr. A. T. Ley, Lockinge Works, Herts.
First Prize and Female Champion at the R.A.S.I. National 1928

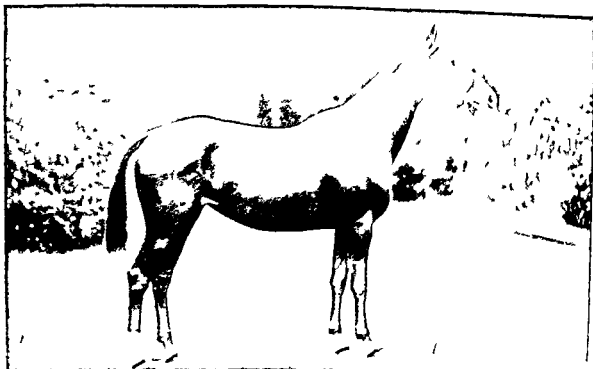
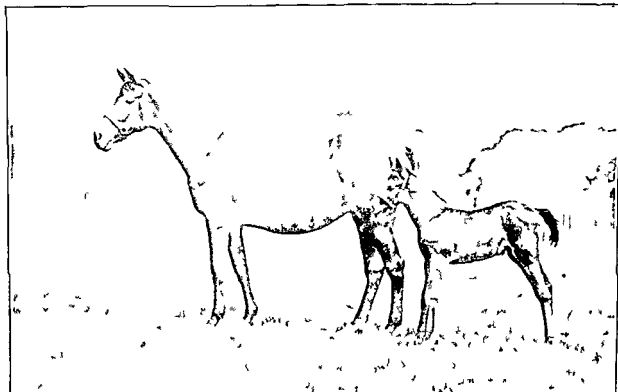


Photo I 1

Polo Pony "Rosine"

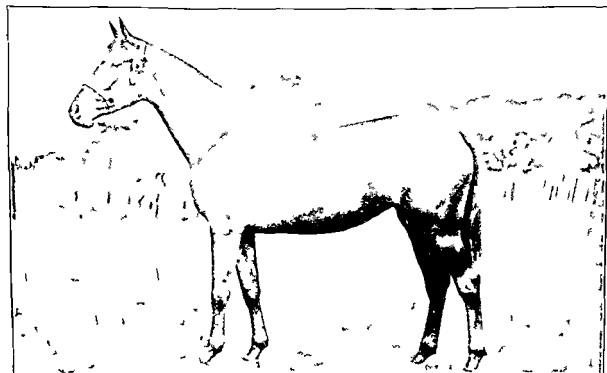
Capt. W. H. France, Hayhurst, Brompton Hall, Middlesex, Chesh.
First Prize and Champion at the R.A.S.I. Newport 1927



P o o b y F W C o p a l l H o r s h a m

Hunter Mare with Foal : "The Belle."

Sir Merrick Burrell Bart Knepp Castle Horsham Sussex
First and Champion at the R.A.S.L. Newport 1927



J A d o b I W C o p n a l H o r s h a m

Hunter Filly - "Chime"

Sir Merrick Burrell Bart Knepp Castle Horsham Sussex
First Prize at the R.A.S.F. Newport 1927

yet perfectly suitable for milling Through the discovery of the Garnet wheat and the opening up of the very fertile lands in the Peace River country, further facilities for the wheat grower have been created This colossal expansion in the wheat growing industry would not have been possible if the Wheat Pooling system had not been adopted The importance of the Pools in world economy can easily be appreciated by stating that whereas only a few years ago the number of wheat-cultivating Pool members reached 70,000, it is now over 130,000, disposing of more than 70% of the total wheat crop of the Dominion Saskatchewan is to-day the leading wheat producing Province, but as and when new wheat areas come under the plough new wheat elevators will be erected making it possible for the farmers to reach the foreign markets at a minimum of transport cost and a maximum of profit

As a fruit growing country Canada has already achieved world reputation To day on the Ontario, British Columbia and Nova Scotia fruit farms, the chief fruit growers in the Dominion tens of thousands of fruit growers make a comfortable living through their apple orchards The acreage under fruit trees is increasing from year to year, and while the value of good orchard land a few years ago was estimated at \$200 per acre, it is now worth more than \$500 The total fruit crop of Canada has now reached a value of over \$20,000,000, the apple crop alone reaching more than 2,750,000 barrels The exports of Canadian fruit are now worth more than \$12,000,000 per year Of all the apples consumed in Great Britain, Canada provides some 20% as against the American contribution of 38%

The Federal Department of Agriculture as well as all the Provincial Departments are anxious to improve the cattle stock of Canada and no efforts are spared in this respect On many a farm excellent Shorthorn, Hereford, Aberdeen Angus and Ayrshire cattle are bred, and the Red Poll cattle are every year gaining in popularity In all the Provinces there is distinct improvement in the cattle stock, but mainly among the dairy cattle herds is the progressive improvement noticeable The number of milk-producing farms which daily supply their milk to co-operative dairies has now reached 332,000, carrying the milk

yield from 2,315,000 cows The total quantity of milk, according to official statistics delivered to dairies has now reached the figure of 2,864,000,000 lbs The total value of dairy products handled in Canadian dairies has now reached \$137,000,000, while the capital invested in dairy machinery, plant, buildings, etc., is considerably over \$49,000,000 All over the Dominion co-operative selling Agencies handle the marketable live stock, and the "scrub" animals seem slowly to disappear in favour of animals of higher production and known ancestry Conditions are in favour of increasing the cattle industry as the never failing meat markets of Great Britain and several other countries are open, provided Canada can deliver high class meat The general improvement of the live stock is illustrated through the following comparison Four years ago the total estimated value of Canada's farm live stock reached \$700,000,000, as against an estimated value to-day of \$738,000,000

To-day there are 3,700 known breeders of sheep The most favoured breeds are the English Down sheep—Oxford Downs and Hampshire Downs, while Shropshires are slowly coming into general favour Whether the policy of pursuing Down sheep breeding is the best is questionable but as conditions are much more favourable for cross breeding, probably crossing the ewes with Dorset, Leicester and Lincoln rams would lead more rapidly to improvement of the wool

There are many indications pointing towards British Columbia becoming the chief cattle country of Canada, as the finest cattle grazing lands in North America lie in the Cariboo and Chilcotin districts, beautiful rolling country, where the pastures are excellent, interspersed with light forests yielding good shelter Huge herds of cattle could easily be grazed in this district Speaking generally almost the whole of British Columbia is suitable for cattle breeding; and with the populous wealthy coast cities for markets, the possibilities for the cattle breeding industry are almost boundless

All over Canada the same cattle, sheep, pig and horse breeds which exist in Great Britain are raised, and since the introduction of the *Imperial Breeding Scheme* some years ago, a general improvement in the cattle stock is everywhere noticeable

For Lists of Breeders of Pedigree Cattle Sheep Pigs and Horses in Canada see pages 39/41/7

The Publishers

of The INTERNATIONAL DIRECTORY of PEDIGREE STOCKEEDERS

23, Fleet Street, London, E.C. 4, England,

index every known Breeder of Pedigree Agricultural Livestock in every civilized country and therefore in possession of accurate facts concerning names and addresses of breeders of pedigree stock of all breeds Inquiries by breeders concerning opportunities, markets transport and other matters of interest in all climates sources of supply etc., are answered by return of post, free of charge

Livestock Breeding in Newfoundland.

The Live Stock estimate for Newfoundland states cattle 28 000, sheep 87,000, pigs 15 000, horses 16,500. The last Stock Census was effected in 1921, and probably the numbers have increased. It is interesting to note, in comparison with the year 1921, that in 1901 the number of cattle was 32,760, sheep 78,000, pigs 34,680, and horses 8 850.

For a number of reasons the breeding of live stock has not developed in this ancient Colony, chiefly owing to farming having been neglected until quite recently, while the lack of a road system the predominance of the fishing industry, the absence of a suitable market for surplus production and, last but not least the length of the winters have militated against this branch of agriculture, but during the last fifteen years successive Governments have done their best to encourage improved methods in farming and the rearing of live stock. On a number of farms Pedigree stud animals have been imported from Canada as well as from England and there is certainly a strong desire among Newfoundland farmers to develop their live stocks. Sheep are doing exceedingly well and cattle seem to thrive in spite of the enforced stabling during a great portion of the year. At Agricultural Shows it has of late been demonstrated that the island is suitable for live stock breeding, and probably it is only a question of time when pig and sheep rearing will assume considerable proportions. With the exception of the long winters and the often enormous falls of snow, there are no obstacles whatever militating against a live stock industry. When spring sets in, as a rule very suddenly, luxuriant pastures seem to spring up everywhere, and the whole island is suddenly traversed by a number of rivers and small streams. The country is however although being the oldest of all the British colonies almost entirely undeveloped but for the stock breeder there are certainly advantages worthy of being utilised. The Department of Agriculture, St. John's, is anxious to attract settlers, and land is obtainable on very attractive conditions. It is not always borne in mind that Newfoundland is nearer to Europe than any other part of the American continent.

The total area is probably about 42 000 square miles.

Dairying makes the largest single contribution to the agricultural output of the country. In 1921 production reached 8 199,379 gallons of milk and 574 867 pounds of butter, valued at \$4 919 627. It is estimated that one third of the poultry raised in 1921 was killed for food, and that 1 091 897 dozen eggs worth \$655 138 were produced.

The Newfoundland Poultry Association arranges annual demonstrations of scientific breeding and

correct feeding and housing, distributes eggs for hatching and birds for breeding purposes, and arranges lectures on poultry industry.

The best prospects for agricultural development appear to be in the western part of the island, which has more fertile soil and a more favourable climate. The valleys drained by the Codroy river, forming one of the most promising farming districts are about 40 miles long and from 10 to 12 miles wide, other areas, such as located in the St. George's Bay district and in the Humber Valley are held to be capable of more extensive cultivation.

The interior of the island has never been explored and is unknown to this very day, but in view of the large herds of caribou grazing there it is probable that between the mountain ranges fertile valleys exist. Much of the country is barren. The number of rivers is also remarkable, but most of these are small, all issuing from ponds or lakes in the interior. For the salmon fisherman Newfoundland is an ideal spot. The climate is very pleasant much milder than on the continent, and the summer is never too warm. As a potato grower the Newfoundland farmer has long met with success and some of the best varieties ever cultivated in the world grow in Newfoundland. Crops of wheat, oats and barley are cultivated although they do not always ripen fully. So far, the area of cultivated lands regularly farmed is probably only some 125 000 acres. Newfoundland is said to be a potential source of supply of Eel grass a marine plant growing profusely in many inlets where fresh water comes in contact with vegetation. This weed has peculiar qualities rendering it valuable as an insulating material, non inflammable a non conductor of heat or cold and it repels insects and does not decay. Newfoundland has been famous for many years for the excellent type of dog bred here. The original natives who were gradually pushed out by the incoming settlers have long been extinct. The population to-day are descendants of the first Irish and English settlers. The first mention of the island was in the year 1 000 when Vikings were driven ashore but in 1497 it was rediscovered by the Bristol navigator Cabot. The news of the wonderful qualities of fish around the waters soon attracted fishermen from many countries, and quarrels and disturbance occurred until in 1583 the island was taken in possession on behalf of Queen

Elizabeth of England, much to the disgust of the French who had long claimed the right. Resulting from a treaty, signed at Utrecht in 1713, England's undisputed right to the island was agreed to by France and the first Legislative assembly met at St. John's in 1833.

A very large portion of the Labrador country belongs to Newfoundland. So far entirely unexploited, these vast lands may possibly one day become the seat of great industries as they contain very large areas of forest suitable for paper and other industries, large and powerful rivers with large cataracts from which, according to experts, between four and five million horse power can easily be obtained. The question of commercially produced electrical energy is to day uppermost in the electrician's mind and there is no reason why Labrador should not develop her great resources in this respect. The interior of Labrador consists chiefly of a large elevated plateau the surface of which has been estimated at exceeding 200,000 square miles. The principal rivers the St. Lawrence, the Big River, the Whale rivers the Koksoak the Grand River and the Manicouga according to experts, can be utilised to create electric energy, and the magnificent Grand Falls on the Grand River are probably among the most imposing water falls in the world. Although the climate is too cold to ripen the ordinary cereals, vegetables develop good size and qualities and especially potatoes do well. Although Labrador neither is nor will ever be developed as an agricultural country, it can produce an abundance of food stuffs

and there is no reason why a considerable sheep breeding industry should not be started in view of the fact that large herds of caribou already exist. It is only a question of experimenting with a view of finding out the most suitable breed, and probably such breeds as the native Finnish sheep, or the Landrace sheep in North Norway would do well. The steadily growing population of fishermen and people interested in developing the enormous quantities of salmon and other fish which, so far, constitute the chief wealth of Labrador, would be the chief consumers. In the interior, Labrador is inhabited by Indians whose chief existence is trading in furs. Of course, the winter is very severe, but the short summer is exceedingly pleasant with warm days. The total area of the Labrador lands is over 500,000 square miles, the greater portion of which belongs to Canada, while the portion which now, as the result of recent legal settlement belongs to Newfoundland, is the district which is drained by rivers flowing into the Atlantic Ocean. Labrador was probably first heard of through the Norsemen about the year 990. Later on Portuguese fishermen flocked to the coast to explore the wealth of fish in the waters and the Portuguese Cortes gave the name to the country. In the year 1578, five or six different nations sent their fishing fleets, since when every year the advent of fishermen has created trading opportunities with the Indians. In the year 1699 a Charter was granted to a London trading concern, since when Newfoundland settlers in increasing numbers have taken up their abode along the coasts.

The Romney Sheep in The Antipodes

By ERNEST J. WACKRILL Secretary New Zealand Romney Marsh Sheep Breeders Association

To sheep men the world over the name Romney is inseparably connected with the Romney Marsh district in the County of Kent, England, an extensive tract of land reclaimed from the sea many centuries ago. Here is the original home of the Romney Marsh Sheep of which Youatt stated that a long woollid and highly valuable breed of sheep has been kept on the Marsh from time immemorial.

As the new lands of the Southern Hemisphere became settled by migrants from the Old Country it was only natural that shipments of live stock from the United Kingdom quickly followed to enable these early settlers to stock the farms with sheep from the country of their birth. Between 1853 the date of the arrival of the first importation to New Zealand, and 1894 when the first Flock Book was published 51 Romney flocks were established and Records kept by the New Zealand Sheep Breeders' Association. It was felt by some of the principal Romney breeders

that it would be to the advantage of the breed if an Association was formed to devote the time of its governing body to Romney sheep in New Zealand. In 1904, the Romney breeders registered in the New Zealand flock book seceded from the Association and formed the New Zealand Romney Marsh Sheep Breeders' Association, incorporated by Charter the same year. Flock Book, Vol. 1, published in 1905, contained the Records of 75 registered flocks, the total number of breeding ewes registered being 14,796, ewe lambs 6,851, stud rams entered singly 191, total 21,838. Volume 23 of the Flock Book, the latest volume published, contains the particulars of 595 registered flocks, an increase of 520 pure bred Romney flocks since the issue of the first volume, while the number of registered sheep entered is—breeding ewes 85,685, ewe lambs 39,989, stud rams entered singly 1,193—total 126,667. From these figures the remarkable progress made will be seen as well as the dominan-

position to-day of the Romney breed in the Dominion. Reference to the figures compiled by the N.Z. Government for 1927 shows that the number of Stud sheep of various breeds registered throughout New Zealand totalled 365 094 of which the Romney Stud sheep number 164 346, or 45% of registered sheep in the Dominion.

Any breed of sheep, no matter how well suited constitutionally to the conditions to which it is subjected, must possess certain important characteristics if it is to become and remain the dominant breed in New Zealand. The fleece produced must be a reasonable weight, the wool must be even and suitable for woollen and cloth manufacture, the ewes must possess conformation and milking ability to produce high-grade lambs and the hoggets must be hardy and easy to winter. Constitution, conformation, weighty fleece and high grade wool are therefore the four fundamentals that must ever be the goal of the sheep breeder. During the last decade there has not only been a great increase in the number of flocks but also a marked improvement in the quality of the Romney Marsh sheep, in fact, sheep in the best flocks are equal if not superior to anything that can be produced elsewhere. The best sheep have equal bone constitution, symmetry, and true character to the best that can be obtained from Kent in England and they are far ahead in the quality and weight of their wool. New Zealand breeders have always attached great importance to wool, being careful to select sheep with even fleeces of good quality, and the covering has also been carefully considered with the result that our best Romneys carry wool wherever it is possible for it to grow. For many years it was essential to import English rams to impart character to our flocks but even then it was necessary to cull their progeny largely on account of the irregularity of their get. They, however, assisted to improve the bone and constitution of our sheep, but importations of late have not had the effect desired, chiefly through the high standard our sheep have attained. The Association is always endeavouring to raise the standard of our flocks generally. All stud sheep sold have to be inspected by competent Inspectors appointed by the Council of the Association and those passed are tattooed in one ear with the official mark of the Association (N.Z.R.M.) before a transfer can be given by the vendor. Sheep for export are carefully inspected and the Inspector has power to refuse passing or tattooing any sheep he considers not typical of the breed, or unfit for export. Romneys have been tried all over the Dominion on land little above sea level, on hilly and broken country, on mountains running up to 5 000 and 6 000 feet, and on those mixed classes of land they have proved a success. No survey of the popularity of the Romney breed in the Antipodes would be complete without dealing with the export trade from New Zealand. Fleck owners in Australia, Canada, U.S. America and most of the countries of South America have for years known of the merits of our sheep, and importations have been made by the leading Pastoralists of these overseas

countries until the export business reached a very high figure. Our largest customer to-day is the Argentina Republic, closely followed by the United States of America, Australia and Canada. It is worthy of notice that the New Zealand-bred Romney sheep secured the World's Championship at the Argentine Centenary International Exposition held at Buenos Aires in 1910, when a Romney ram, bred in this Dominion, secured the Championship of the World against the sheep bred and exhibited by the leading English and Argentina Stud masters. At the Panama-Pacific International Exposition held at San Francisco in 1915, a N.Z. bred Romney ram secured the Championship against all competitors, and this Association was awarded the Medal of Honour for the best collection of Romney wool staples exhibited.

The following is the description of a typical New Zealand Romney Marsh sheep as drawn up by the Council of the N.Z. Romney Marsh Sheep Breeders' Association—Head wide, level between ears which should be large and thick and covered with fine hair or preferably partially covered with a downy wool, with good thick foretop, no horns and the poll well covered with wool. Eyes large, bright and prominent. Face in ewes full not too white, and in rams broad and powerful. Nose coal black, width between nostrils. Neck well set at the shoulders, strong and thick. Shoulder wide, well coupled, level with back. Chest wide and deep. Back straight with wide and flat loin. The ribs well sprung, especially at the base, and the loin should be of good length to provide a quantity of meat. Rump wide long, well turned. Tail set in almost level with the chine. A low set tail is objectionable, as ewes with that defect often fail as breeders.

Breeders of Romneys should aim at breeding their sheep with full legs of mutton as these are much in request on the London market. Legs should be short, with big bone and large, shapely feet of black horn. The sheep should stand well on its legs, and these be well set apart free from any twist or defect. Although black feet are preferable, there is always a large proportion of light coloured feet in every Romney flock, and a really good sheep should not be condemned on that account. It is often stated that Romneys with light-coloured feet suffer more from foot rot than those with black but this has not been generally experienced. The fleece should be of dense even quality, and of a good decided staple from fore top on head to end of tail and free from kemps. The wool should be even in length from the head to the tail of the sheep and as far as possible of the same character throughout. Of course the best part of the fleece is found on the fore-end of the sheep, but breeders should grow the fleece as even as possible. A good covering of wool on the back is essential, and when grasping it, it should fill the hand. The fleece should be of good length open freely, be crimpy from skin to tip lustrous and soft, have a dense feel, and be free from cross fibres. It should also be free from kemps which materially reduce its value.

Excellence of British Breeds.

The British stock breeder early recognised that the principle of satisfying the demand for Stud animals at home and abroad should be guiding his activities, and this, more perhaps than any other factor, contributed to advance the excellence of the British Breeds. The breaking up of the English village when the manorial system came in vogue, to be followed by the breaking up of the Handicrafts through capitalism, brought in train Trade Unions and co-operative Societies through which the living conditions of the people were improved. Thus the time-honoured system of killing for general consumption such animals only that had been worn out as beasts of burden had to give way as better quality meat was demanded. As in England, so in many other countries, especially in Western Europe and the American United States, modern capitalism commenced dominating the primitive system of economy was followed by the aristocracy of the owners of large herds of grazing beasts, and when the free traffic became controlled and the movement of herds and flocks restricted, increased attention was paid to the improvement of these herds and flocks. In this manner the British utility breeds were steadily and systematically improved. (In the year 1825 a well-known writer, Rev. J. Goldsmith, stated that "The cattle and farming stock, taken at £4 an acre of the cultivated land, was worth 240 million, and the British Islands now boast of the most valuable breeds in the world." "The British Empire," G. B. Whitaker Ave Maria Lane, London). The agricultural countries of Europe slowly became industrialized. The populations of Europe, 180 million in 1800, had increased to 452 million when the world war broke out, while the populations of Great Britain, Germany and the American United States rose from 100 million in the year 1800 to nearly 500 million in 1914. These increases in populations made for enormously increased consumption of animal products, and this in turn created competition among live stock breeders, and explains why Great Britain, long before any other country, created those many utility breeds of supreme excellence which for more than 100 years have been the envy and admiration of breeders in all other countries of the world. Specialization in breeding in Great Britain and the British Dominions Overseas has been carried to a point scarcely conceived only 30 years ago, and the stock improvers in other countries have to day a wide field for selection among the British and Overseas British Breeds. These are represented by the following

A—ENGLISH SCOTTISH WELSH IRISH AND CHANNEL ISLAND BREED SOCIETIES

CATTLE. I. BEEF BREEDS

Hereford Herd Book Society 3 Offa Street Hereford
Aberdeen Angus Cattle Society 91 Lin Street Aberdeen
Shorthorn Society of Gt. Britain 12, Hanover Square London
Highland Cattle Society of Scotland Oban
Suffex Herd Book Society 11 Hanover Square London
Calloway Cattle Society Lockerbie Dumfriesshire
Belted Galloway Cattle Breeders Association Rottamden Sussex
Devon Cattle Breeders Society Wiveliscombe Somerset
Longhorn Cattle Society Bingley Hall Birmingham

CATTLE. II. DAIRY BREEDS

Ayrshire Cattle Herd Book Society 58 Allway Street Ayr
British Friesian Cattle Society 11 Southampton Row London
Jersey Herd Book Society 51 Herler Jersey
Guernsey Herd Book Society Guernsey
English Jersey Cattle Society 19 Bloomsbury Square London
English Guernsey Cattle Society, 12 Hanover Square London
British Kerry Cattle Society 12 Hanover Square London
Kerry and Dexter Cattle Society of Ireland Chatterdown Kerry
Devon Cattle Society 19 Bloomsbury Square London
Irish Woodland Cattle Society 2 Victoria Square Belfast

CATTLE. III. DUAL PURPOSE BREEDS

Dairy Shorthorn Association 3 Bedford Square London
Lincolnshire Red Shorthorn Association St. Benedicts Square, Lincoln

Blue Albion Cattle Society Irongate Derby
Welsh Black Cattle Society Bangor
South Devon Herd Book Society 6 Prince's Square Plymouth
Red Poll Society 24 Harrington Road Ipswich

SHEEP. DOWN BREEDS

Dorset Down Sheep Breeders Association Dorchester
Dorset Horn Sheep Breeders Association Dorchester
South Down Sheep Society 63 East Street Chichester
Hampshire Down Sheep Breeders Association 49 Canal Street Salisbury

Oxford Down Sheep Breeders Association Nuneham Courtenay Oxford

SHEEP. LONGWOOL BREEDS

Lincolnshire Longwool Sheep Breeder Association St. Benedicts Square Lincoln

Leicester Sheep Breeders Association Driffield E. York
Border Leicester Sheep Breeders Association 11 St. R. nans Terrace Edinburgh

Romney Marsh Sheep Breeders Association 12 Hanover Square London

Devon Longwooled Sheep Breeders Society 94 High Street Barnstaple

Wensleydale Longwool Sheep Breeders Association on Grange over Sands Lancashire

Cheviot Sheep Breeders Society Bridge Street Hawick
Shetland Flock Book Society Buxter Shetland

SHEEP. OTHER BREEDS

Shropshire Sheep Breeders Association Shrewsbury
Ryeland Sheep Breeders Association Hereford

Suffolk Sheep Society 24 Prince Street Ipswich
Devon Cross Wool Sheep Breeders Society 94 High Street Barnstaple

South Devon Flock Book Association Fore Street Totnes

SHEEP. MOUNTAIN BREEDS

Kerry Hill Sheep Breeders Association Newtown Montgomeryshire

Welsh Mountain Sheep Society Sennybridge Breconhire
Dartmoor Sheep Breeders Association 3 West Street Okehampton

Exmoor Horn Sheep Breeders Society Dulverton Somerset
Clun Forest Sheep Breeders Society Bucknell Salop

Radnor Sheep Flock Book Society Builth Wells
Herdwick Sheep Breeders Association Newlands Keswick

Swaledale Sheep Breeders Association Kirkby Stephen
Lonsdale Sheep Breeders Association Cooke Street Highley

English Blackface Sheep Breeders Society Carlisle
Scottish Mountain Blackface Flock Book Association Hexham

Roscommon Sheep Breeders Association Roscommon

PIGS

National Association of P., Br. siders 92 Gower Street London

Incorporating
Breeders of the Large White Yorkshire Pig
Breeders of the Middle White Yorkshire Pig

Breeders of the Tamworth Pig
Breeders of the Berkshire Pig

Essex Pig Society 17 Duke Street Chelmsford
Wessex Saddleback Pig Society 49 Canal Street Salisbury

Gloucester Old Spot Pig Breeders Society 24 Baldwin Street Bristol

Lincolnshire Curly-Coated Pig Breeders Association Derrington Lincoln

Large Black Pig Society 12 Hanover Square London
Large White Chester Pig Society, Balmoral Belfast

Cumberland Pig Breeders Association 10 King Street Wigan

HORSES. HEAVY BREEDS

Shire Horse Society 12 Hanover Square London
Chymdale Horse Society 93 Hope Street Glasgow

Suffolk Horse Society Woodbridge
British Percheron Horse Society 27 Cavendish Square London

HORSES. LIGHT BREEDS

Hackney Horse Society 12 Hanover Square London
Arab Horse Society 10 Wyndham Street Brighton

Thoroughbred Breeders Association 29 Charing Cross, Road London
Cleveland Bay Horse Society Norton Stockton-on-Tees

HORSES. PONY BREEDS

Welsh Pony Society Knighton Radnor
Dartmoor Pony Society 3, West Street Okehampton,
Shetland Pony Society 3 Golden Square Aberdeen.

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B—UNION OF BRITISH SOUTH AFRICA BREED SOCIETIES

South African Stud Book Association Parkers Buildings Cape Town
 Town incorporating
 Records of the Breeder Cattle Breed
 Red Polled
 Guernsey
 Galloway
 Kerry
 Brown Swiss
 Merino Sheep
 Dorset Horn
 Kerry Hill
 Suffolk
 Persians
 Clydesdale Horse
 Percheron
 Hackney
 Shetland Pony
 Saanen Goat
 Toggenburg
 Anglo-Nubian
 Swiss

CATTLE

Africander Cattle Breeders Society 14 Albert Street Bloemfontein O.F.S.
 Hereford Breeders Society of South Africa 90 Market Street Johannesburg T.
 Aberdeen Angus Cattle Breeders Society 61 Winchester House Johannesburg T.
 Sussex Cattle Breeders Society of South Africa 90 Market Street Johannesburg T.
 Devon Cattle Breeders Society of South Africa 90 Hexa on Queenstown C.P.
 South Down Breeders Society of South Africa P.O.B. 260 Pietermaritzburg N.
 Shorthorn Society of South Africa P.O.B. 13 Queenstown C.P.
 Red Poll Cattle Breeders Association of South Africa P.O.B. 250 Bloemfontein O.F.S.
 Friesian Cattle Breeders Association of South Africa 134 St Andrews Street Bloemfontein O.F.S.
 Ayrshire Cattle Breeders Society of South Africa 90 Market Street Johannesburg T.
 Jersey Cattle Breeders Society of South Africa P.O.B. 269 Pietermaritzburg N.

SHEEP

Merino Breeders Association of South Africa Parkers Buildings Cape Town

PIGS

Pig Breeders Society of South Africa Parkers Buildings Cape Town

HORSES

Hackney Horse Society of South Africa Box 611 Bloemfontein O.F.S.

GOATS

Angora Goat Breeders Society of South Africa Parkers Buildings Cape Town

C—COMMONWEALTH OF AUSTRALIA BREED SOCIETIES.

CATTLE

Short Horn Herd Book Association of Australia 492 Collins Street Melbourne
 Milking Shorthorn Breeders Association 422 Collins Street Melbourne
 Red Polled Cattle Breeders Association of Australia 42 Collins Street Melbourne
 Ayrshire Cattle Herd Book Society of Australia 4 Collins Street, Melbourne
 Guernsey Cattle Society of Australasia 39 Macquarie Place Sydney N.S.W.
 Friesian Cattle Club of Australia 499 Collins Street Melbourne
 Australian Jersey Herd Society 49 Collins Street Melbourne

SHEEP

Australian Society of Breeders of British Sheep 4 Collins Street Melbourne incorporating —
 Breeders of South Down Sheep
 Dorset Horn
 Lincoln Longwool
 Leicester
 Border Leicester
 Romney Marsh
 Shropshire
 Suffolk
 Australian Stud Merino Flock Book Society 499 Collins Street Melbourne

PIGS

Australian Stud Pig Breeders Society 4 Collins Street Melbourne incorporating —
 Breeders of Yorkshire Pigs
 Large Black
 Berkshire
 Gloucester Old Spots
 Tamworth
 Duroc Jersey
 Poland China

HORSES

Commonwealth Clydesdale Horse Society 422 Collins Street, Melbourne
 Draught Horse Stud Book Society of Australia 422 Collins Street Melbourne

D—TASMANIA

Agricultural Royal Society of Tasmania Hobart
 Agricultural Show Company of Tasmania Hobart
 Agricultural Society Port Arthur
 Circular Head Poultry Society Stanley
 Cornedale Sheep Breeders Association Launceston
 W. Chand Agricultural Association Campbelltown
 National Council of Wool Brokers Launceston
 National Agricultural & Pastoral Society Launceston
 North Eastern Agricultural Association on Scottsdale
 North West Agricultural Association on Leven
 Tasmanian Breeders Association on Launceston
 Tasmanian Longwool Sheep Breeders Association on Launceston
 Tasmanian Shropshire Sheep Breeders Association on Hobart
 Tasmanian Stud Beef Cattle Breeders Association Launceston
 Tasmanian Dairy Farmers Association on Launceston
 Tasmanian Kennel Club Launceston
 Tasmanian Turf Club Launceston
 Tasmanian Utility Poultry Club Launceston
 Southern Poultry Society Circular Head
 Western Agricultural Association on Westbury

E—DOMINION OF NEW ZEALAND BREED SOCIETIES

CATTLE

Hereford Cattle Breeders Association on N.Z. P.O.B. 40 Fiddling
 Aberdeen Angus Cattle Breeders Association of N.Z. Box 83 Hastings
 Red Polled Cattle Breeders Association of N.Z. c/o Agricultural High School Fiddling
 Milking Shorthorn Association of N.Z. Garden Place Hamilton
 Ayrshire Cattle Breeders Association of N.Z. Palmerston North
 Jersey Cattle Breeders Association on N.Z. P.O.B. 259 Palmerston North
 Friesian Cattle Breeders Association of N.Z. Dalgelys Building Auckland

SHEEP

Romney Marsh Sheep Breeders Association of N.Z. P.O.B. 40 Fiddling
 Cornedale Sheep Society Ltd Hereford Street Christchurch
 South Down Sheep Breeders Association of N.Z. Commercial Buildings Palmerston North
 Ryeland Sheep Society of N.Z. Mutual Buildings Christchurch
 New Zealand Sheep Breeders Association on the North Island P.O. Box 151 Worcester
 Street Christchurch incorporating
 Breeders of Southdown Sheep
 Dorset Down
 Cornedale
 Lincoln Longwool
 Merino
 Leicester
 Border Leicester
 Romney Marsh
 Ryeland
 Shropshire
 Suffolk

PIGS

New Zealand Pig Breeders Association on P.O.B. 393 Palmerston North incorporating
 Breeders of Yorkshire Pigs
 Large Black
 Berkshire
 Tamworth

HORSES

Clydesdale Horse Society of New Zealand Hawera

F—DOMINION OF CANADA BREED SOCIETIES

Canadian National Live Stock Records Ottawa Ontario incorporating

Records of the Canadian Hereford Cattle Breed

Aberdeen Angus
 Galloway
 Shorthorn
 Red Polled
 Ayrshire
 Guernsey
 Jersey
 Brown Swiss
 Sheep Breeds
 Pig
 Suffolk Horse Breed
 " Clydesdale
 " Percheron
 " Belgian Draught
 " French Coach
 " Thoroughbred
 " Standard Breed
 " Pony
 " Goat Breeds
 " Siberian Fox Breeds
 " Poultry Breeds

CATTLE

Hereford Breeders Association of Canada R R 1 Ancaster Ont
 Aberdeen Angus Association of Canada 300 Lias Street Winnipeg
 Man
 Dominion Shorthorn Breeders Association Guelph Ont
 Red Poll Association of Canada Annapolis Park
 Ayrshire Breeders Association of Canada Huntingdon Quebec
 Guernsey Breeders Association of Canada Chagoyan N S
 Canadian Jersey Cattle Club London, Ont.
 Brown Swiss Association of Canada Ave. St. Clif. Quebec
 French Canadian Cattle Breeders Association Ministry of
 Agriculture Quebec

SHEEP

Canadian Sheep Breeders Association Parliament Building
 Toronto incorporating —
 Breeders of South Down Sheep
 Hampshire Down
 Oxford Down
 Dorset Horn
 Lincoln Longwool
 Leicester
 Romney Marsh
 Cheviot
 Rambouillet
 Shropshire
 Suffolk

PIGS

Canadian Swine Breeders Association Parliament Buildings
 Toronto incorporating —
 Breeders of Yorkshire Pigs
 Large Black
 Berkshire
 Tamworth
 Duroc Jersey
 Poland China
 Hampshire

HORSES

Shire Horse Association of Canada 38 Grenville St. Toronto Ont
 Clydesdale Horse Association of Canada 186 King Street W
 Toronto Ont
 Suffolk Horse Breeders Society of Canada, Lamerton Alta
 Percheron Horse Breeders Association of Canada 831 14th
 Avenue W. Calgary Alta
 Belgian Draft Horse Breeders Association of Canada Ministry
 of Agriculture Quebec

French Coach Horse Breeders Association of Canada Ministry of
 Agriculture Quebec
 Hackney Horse Society of Canada 186 King St W Toronto Ont
 Thoroughbred Horse Society of Canada 13 Colborne Street
 Toronto Ont
 Standard Bred Horse Society of Canada Ottawa Ont
 Pony Horse Breeders Society of Canada 58 Grenville Street
 Toronto Ont.
 French Canadian Horse Breeders Association Ministry of Agri-
 culture Quebec

For information concerning Live Stock Breeding etc. write British Overseas
 Dominions Protectorates and Colonies Engineering as follows to be addressed to —

AUSTRALIA For State of New South Wales The Agent General Australia House London
 Victoria Australia House London
 Southern Australia House London
 Western 115 Strand
 London W C 2
 Queensland 400 Strand
 London W C 2
 TASMANIA The Agent General Australia House London
 NEW ZEALAND Dominion of The High Commissioner 415 Strand
 London W C 2
 UNION OF SOUTH AFRICA Dominion of Trafalgar Square
 London W C 2
 RHODESIA Colony of Southern Crown House Add
 wch London W C 2
 CANADA Dominion of Canadian Buildings
 Trafalgar Square London
 NEWFOUNDLAND Dominion of Commissioner 58 Victoria
 London S W
 BRITISH MALAYA Malay States Information Agency
 77 Charing Cross London S W 1
 BRITISH GUJANA The Commissioner Imperial Institute
 South Kensington London S W 7
 BRITISH WEST INDIES The West India Commission 10 Trinity
 Square London EC 3
 BRITISH INDIA The High Commissioner 42 Gros-
 venor Gardens, London S W 1
 BORNEO The British Borneo Company 17 St.
 Helen's Place London E C 4
 COLONIES ET The Crown Agents 4 Millbank West
 100 Strand London S W 1

Pedigree Livestock Markets.

Money is always well spent on Pedigree Stock if the stockbreeder and improver exercise necessary care in selection of breed animals. The average indiscriminately bred stock yielding at the best a meagre profit, but more often than not causing losses, is always a drag on the market and will undoubtedly decrease in numbers as and when the breeders and stock improvers have their eyes opened to the utter uselessness of creating such animals. Good livestock in civilized countries will steadily improve in quality as and when the consuming public refuse to be satisfied with bad quality meat, etc. Although the numbers of the existing world stock are vast, the totals are to-day insufficient to meet the rapidly increasing demands, and the slow-maturing, badly-shaped and low yielding cattle, sheep, pigs, poultry, etc., whose performances do not justify their existence, must give way to early-maturing, easily-fattening, high yielding animals of excellent Breeds.

The United States of America is no longer a meat supplier, having become a large purchaser. Although 10 years have elapsed since the world war, meat prices have not been reduced, as compared with 1914 figures—indeed, they are much higher, thus:

LONDON MEAT MARKET

		1908
Scottish Beef	Sides	70 9½
English Beef	Sides	46 1½
Argentine Beef	Sides	52 8½
Scottish Mutton	Handquarters	43 7½
English Mutton	Handquarters	40 0½
New Zealand Mutton	Handquarters	74 2½
Argentine Mutton	Handquarters	60 6½
Scottish Lamb	Handquarters	82 0½
English Lamb	Handquarters	44 4½
New Zealand Lamb	Handquarters	66 0½
Australian Lamb	Handquarters	64 4½
Argentine Lamb	Handquarters	47 4½

(London Retail Meat Traders Association's Figures August 1908)

International Legislation must some day regulate the most important of all human pursuits—utility stock breeding.

While magnificent stock is bred in very many countries the stock of Great Britain enjoys World reputation, and British breed animals are everywhere in demand. Many might-be purchasers lack, however, knowledge concerning sources of supplies. British stockbreeders should not be contented with the knowledge that they do breed superior animals—they must unceasingly create selling opportunities by means of propaganda. In the many British Overseas Colonies and Protectorates the livestock is being steadily improved and there is a field in these many far-away lands for breed animals of Pedigree-proved superiority. For

the use of those stock breeders who may desire to enter these markets, the following list of Colonies, and officials in charge of the respective livestock departments, may prove useful, while the various British Trade Commissioners and Imperial Trade Correspondents, now stationed in all parts of the world, are always prepared to advise and enlighten those who care to make use of their functions as commercial outposts.

NAME OF COLONY OR PROTECTORATE	ADDRESS FOR LETTERS
Bahama Islands	The Colonial Secretary, Nassau, Bahamas
Barbados	" " Barbados
Ceylon	" " Colombo
Cyprus	" " Cyprus
Falkland Islands	" " Stanley
Fed Malay States	" " Selangor
Negri Sembilan	The British Resident Negri Sembilan, Malay States
Pahang	" " Pahang
Perak	" " Perak
Selangor	Under Secretary Selangor
Johore	The General Adviser, Johore Bahru
Kedah	The British Adviser, Alor Star, Kedah
Kelantan	" " Kelantan
Pelaitan	" " Pelaitan
Trengganu	" " Trengganu
Straits Settlements	The Colonial Secretary Singapore Straits Settlements
Hongkong	The Colonial Secretary Hongkong
Iraq	The High Commissioner Baghdad, Iraq
Antigua	The Colonial Secretary Antigua Br West Indies
Virgin Islands	The Commissioner, Virgin Islands
Grenada	The Colonial Secretary, Grenada
St. Lucia	The Administrator, St. Lucia
St. Vincent	The Administrator, St. Vincent
Zanzibar	The Treasurer, Zanzibar
Malta	The Treasurer, Malta
Mauritius	The Colonial Secretary, Mauritius
Nigeria	The Chief Secretary, Lagos, Nigeria
Rhodesia, Northern	The Chief Secretary, Livingstone, N. Rhodesia
Nyasaland	The Chief Secretary, Zomba, Nyasaland
St. Helena	The Chief Clerk, St. Helena
Seychelles	The Governor, Mahé, Seychelles
Gambia	The Colonial Secretary, Gambia
Gold Coast	The Colonial Secretary, Gold Coast
Sierra Leone	The Colonial Secretary, Sierra Leone
Somaland	The Treasurer, Berbera, Somaland (via Aden)
Uganda	The Treasurer, Entebbe, Uganda
Trinidad and Tobago	The Colonial Secretary Trinidad

Trade Commissioners and Imperial Trade Correspondents are stationed at:

	TRADE COMMISSIONER	TRADE CORRESPONDENTS
Australia	The Trade Commissioner at Sydney Do at Melbourne	Brisbane, Perth Adelaide
New Guinea		Rabaul
Tasmania		Hobart
New Zealand	The Trade Commissioner at Wellington	Dunedin
South Africa	The Trade Commissioner at Cape Town Do at Johannesburg	Port Elizabeth Bulawayo
Rhodesia, South		
Kenya Colony	The Trade Commissioner at Nairobi	Mombasa
India	The Trade Commissioner at Calcutta Do at Bombay	Colombo
Ceylon		Sandakus
Borneo		Kuala Lumpur
Malay States		Port of Spain
Trinidad	The Trade Commissioner	Calgary, Saint John
Canada	The Trade Commissioner at Montreal Do at Winnipeg Do at Vancouver	Halifax, Quebec
Newfoundland		St. John's

The British Chamber of Commerce abroad is an institution invaluable to all who seek trade con-

nection and expansion in foreign countries. These Chambers under the British Flag are invariably in a position to obtain reliable and accurate information concerning the requirements of the people in the districts or countries where they function, and with unflinching courtesy, always anxious to serve the interest of their country, they are a powerful means of bringing the Pedigree stock breeder in Great Britain in touch with market demand, opportunities and customers. The following is a list of British Chambers of Commerce in foreign countries established in the interest of British Trade:

ARGENTINA	British Chamber of Commerce for the Argentine Republic, Calle Reconquista, 46, Buenos Aires
AUSTRIA	British Chamber of Commerce in Austria, Kärntnerstrasse 41 Vienna I
BELGIUM	British Chamber of Commerce in Belgium 412, Rue du Trone, Brussels
BRAZIL	British Chamber of Commerce in Brazil, 51 53 Avenida Rio Branco Caixa Postal 56, Rio de Janeiro Pernambuco Branch Caixa Postal 46, Pernambuco Para Branch Caixa Postal 47, Para British Chamber of Commerce of São Paulo and Southern Brazil 20 Rua 15 de Novembro, Caixa Postal 1821, São Paulo Santos Branch 25, Rua Santo Antonio Santos Porto Alegre Branch 186, Rua dos Andradas, Porto Alegre
CHILE	British Chamber of Commerce in the Republic of Chile, Calle Cochran 741 (Casilla 329), Valparaiso
CHINA	Shanghai British Chamber of Commerce, 1 The Bund Amoy British Chamber of Commerce, Amoy Canton British Chamber of Commerce, Canton Changsha British Chamber of Commerce, Changsha Chefoo British Chamber of Commerce, Chefoo Chungking British Chamber of Commerce, Chungking Chungking British Chamber of Commerce, Chungking Fochow British Chamber of Commerce, Fochow Hankow British Chamber of Commerce, British Municipal Council Buildings, Hankow Harbin British Chamber of Commerce, Harbin Mukden British Chamber of Commerce, Mukden Nanking British Chamber of Commerce, Nanking Ningpo British Chamber of Commerce, Ningpo Peking British Chamber of Commerce, Cully Chambers Peking Swatow British Chamber of Commerce, Swatow Tientsin British Chamber of Commerce, Tientsin Tientsin British Chamber of Commerce, Tientsin
EGYPT	British Chamber of Commerce of Egypt, 8, Rue de l'Ancienne Bourse, Alexandria, and Savoy Chambers, Cairo
FRANCE	British Chamber of Commerce, France, 6, Rue Halévy, Paris (IXe), Nansettes 2, Rue Beauvau
GREECE	British Chamber of Commerce, 5a, Rue Dragatsion, Athens
HAITI	British Chamber of Commerce Port au Prince
ITALY	British Chamber of Commerce for Italy, Via Manzoni, 3, Milan Branches Via Lomellini, 25, Genoa Scal d'Alegio 3 p. Leghorn Via A. Depretis 31, Naples Piazza dell'Unità, No. 8, Trieste
IRAQ	British Chamber of Commerce, Baghdad British Chamber of Commerce, Basrah
MADAGASCAR	British Chamber of Commerce, Antananarivo
MEXICO	British Chamber of Commerce, Apartado 900, Mexico, D. I
MOROCCO	British Chamber of Commerce for Morocco, Casablanca
NETHERLAND EAST INDIES	British Chamber of Commerce for the Netherlands East Indies, Batavia, Java
PERSIA	British Chamber of Commerce Bushire British Chamber of Commerce, Mohammerah
PORTUGAL	British Chamber of Commerce, 8, Rua Victor Gordon, Lisbon 81, Rua dos Nêtos, Funchal, Madeira
ROMANIA	British Chamber of Commerce, Bucharest, Strada 141 Constantin, No. 8 Bucharest
SPAIN	British Chamber of Commerce, Rambla de los Estudios 8, Barcelona Madrid Marques de Cubas, 9 Madrid
SWITZERLAND	British Chamber of Commerce in Switzerland, K. Herggweg, 20 Basle
TURKEY	British Chamber of Commerce of Turkey and the Balkan States 34-35, Buyuk Tunnel Ham, Galata Constantinople
UNITED STATES OF AMERICA	British Chamber of Commerce in the United States of America, Canard Building, 25, Broadway, New York City
URUGUAY	British Chamber of Commerce in Uruguay, Calle Riacho 53 Montevideo

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Exhibition and Laying Strains of Poultry.

By W H COOK Orpington

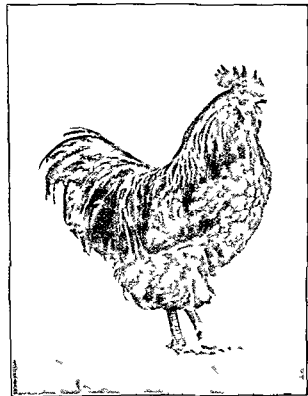
There is often prevalent a rather vague idea among Poultry keepers of all countries as to what constitutes "*Laying Strains*."

Strains have nothing whatever to do with breeds, for the breed denotes the variety of the fowl while the strain denotes the blood from which the fowls originate and whether it emanates from a flock of good layers.

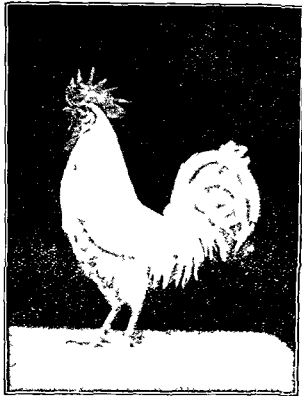
When a breeder has bred on certain lines for a number of years and only reproduces from the best "*layers*," it is generally acceded that he has developed a strain of his own.

to a novice, whereas, on the other hand at a visit to the utility or commercial classes one immediately notices the *smaller and more compact type of fowl* which shows extremely active habits and looks what it represents i.e., a producer yearly of a very large number of eggs.

In many countries Exhibition strains have been mated with selected laying strains reproducing a larger fowl of that true colour which the breed represents and such birds are in great demand among those who look for beauty and type while requiring their egg baskets filled according to the season of the year.



BLUE ORPINGTON COCKEREL.



WHITE LEGHORN COCKEREL.

It is generally acknowledged that there is a vast difference between the Exhibition type of fowl as compared with the high class utility bird. In the first place, the Exhibition birds are bred to a different standard conforming to Club Ideals, which foster the many different breeds and varieties of the present day.

The great difference between the two classes of fowls is so noticeable even to the stranger visiting a Poultry Exhibition as generally the birds in the Exhibition classes are of double the size and perfect in colour, while their ments are plainly visible even

Because a fowl can be exhibited and win premier prizes at leading Exhibitions it does not follow that this bird is capable of reproducing himself, but it has been noticed on more than one occasion that many a visitor, with funds at his disposal, at various Exhibitions purchases only prize winners, often those leading among these, and yet is unable to reproduce a single specimen comparable to its genitors, a circumstance that testifies that strain is everything in the breeding of live stock. Again, many a bird, perhaps with a blemish, although bred from the best possible stock,

when properly mated, may reproduce high quality, even Exhibition-worthy stock. It is never advisable to mate a pen of birds in haphazard manner, because strain always tells its own tale.

Of course, birds from which Exhibition stock is expected, should themselves be as near perfection as possible, while conforming to the standard of the breed or the variety represented, although it may sometimes be possible to counteract defects in the male bird by suitable selection of the female bird.

It is scarcely likely that a breeder, knowing, for instance, that he should require a low tail carriage in all the males perhaps also in the females, can obtain such results when a high tail male bird is used. Therefore, the happy medium should always be aimed at, through carefully blending together, first, birds of the correct strains known to reproduce very high class stock and secondly, one should never attempt to breed from any fowl with a defect which very likely may be reproduced in the progeny.

Trap nesting eliminates numerous defects, and by trap-nesting the breeding stock one is able to tell exactly which hen produces the perfect bird so that both she and her progeny are the birds to be selected for the next season's breeding.

Although trap-nesting requires a considerable amount of time it should be borne in mind that the breeder is able to easily distinguish by means of Toe-Punching or a system of ringing with coloured rings, the actual stock produced from each female in the breeding pen.

Sometimes it may happen that two hens be sisters and apparently alike in every detail, yet one of them may prove her worth ten times over as a breeder of perfect specimens as compared with the sister. It is generally acceded that in the breeding of high class Exhibition birds "like produces like," and this always comes true if the fowls selected for breeding have been carefully bred from a well known strain over a period of years.

My contention is that Exhibition stock and strains equal the layer or utility fowl in hardiness, stamina and prolificacy, indeed, speaking generally, they are harder and appear to stand any climate under almost any conditions, and thrive and do well, while as layers, if the breeding stock is carefully selected, Exhibition strains seldom lag far behind the utility stock of the same breed. The Poultry keeper has now come to recognise that the breeding of perfect Exhibition stock is an art which not everybody is capable of mastering with absolute hope of certainty.

As for utility poultry, the strides obtained during the past few years in increasing the egg yield seem really wonderful, although in many a case such strides were obtained at the sacrifice of stamina in the stock and undersized eggs.

Many breeders aim at very high "Records," although this, of course, sooner or later must affect the ability to reproduce in the stock. On the other hand, if breeders would aim at the 200 mark, i.e., endeavour to obtain a large egg and a flock average of 200, undoubtedly with such eggs from their laying stock they should soon reap benefit through selling the eggs while retaining vigour and stamina in the flocks of fowls.

The type of layer which comes nearest to standard of perfection is the bird that has length and depth of body, and is boat shaped in appearance, as such fowls possess capacity for laying a good number of eggs during the year while reproducing first class utility progeny.

I always warn against breeding from a fowl with a long, snakelike head, narrow body and back, and legs set too closely together, as this type certainly is a throw-out, emanating from poorly-bred stock.

One should aim at selecting birds with bright eyes, legs set well apart, lively and active in habits, and mate these females with the corresponding, i.e., right stamp male, one that was bred from a good layer, coming from a strain noted for strength and stamina.

Poultry Exhibitions all over the World to-day offer inducement and encouragement in the classes for Exhibition and Utility birds, and while it is fairly easy for the judge to pick out winners in the high-class Exhibition breeds, it is more difficult to rightly select in the utility classes those birds remarkable for producing the greatest number of eggs. On the other hand, however, in the utility classes it should not be so very difficult to discover the best, if only breed characteristics are carefully taken into consideration, while at the same time bearing in mind what really constitutes a good laying fowl. While to the experienced person with years of practise behind him in handling poultry no two birds seem alike, many a visitor to the Poultry Exhibition is often inclined to judge one bird as meritorious as another.

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The Light Sussex and Rhode Island Red.

By W A ROBERTS NUPS SPBA

There is, of course, as everybody knows just as great a tendency to fashion in breeds of poultry as to other things whether live or dead. More often than not these fashions or crazes for a particular breed are utterly illogical and their life is accordingly a short one.

There are however, one or two breeds of poultry that have luckily escaped this unhealthy tendency of being boomed yet have by their own peculiar intrinsic merit, steadily forged ahead in the favour of the poultry keeping public, year by year. The writer has two breeds of poultry in his mind that come under this category, viz : Light Sussex and RI Reds. Each year one sees more and more of them—now what is the reason? Let us think :

1 General utility? This is undoubted both breeds fulfil the phrase all round fowls in that they fill the egg basket in the cold months of the year as well as the spring and summer when most feathered fowl will give their quota. They are each of them first class Table Fowl though the yellow flesh of the RI Red militates against their popularity in England where the fashion is for white flesh.

2 Constitution : both breeds are perfectly hardy and stand cold well and damp better than most breeds.
3 Appearance and ability to breed true to parent stock : Both breeds are exceedingly pleasing, a flock of Light Sussex pullets on a green grass field is a sight not easily forgotten the touches of dense black on the hackle wing and tail showing up against the white is very pleasing. If trouble is taken over the foundation stock and care over the purchase of cockerels from time to time there will be but few culls which one has to throw out. Utility RI Reds were none too good a few years ago, but have now greatly improved and are a much more even ripe horsechestnut colour.

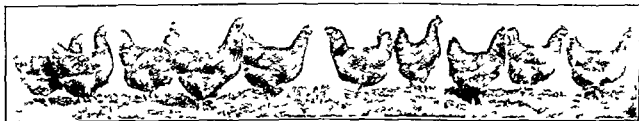
4 Their value for sex linkage.
Much has been heard lately of sex linked crosses when by mating a Gold Cock to a Silver, one may distinguish the sexes at hatching the females resembling the Sire and the males the Dam. The advantage of this to commercial egg farmers is obvious. Here again is yet a further valuable asset in these two breeds. The RI Red (Gold) cockerel mated to the Light Sussex (Silver) pullet produces sex linked progeny, the baby pullet chicks coming with buff or brown fluff and the

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Money value £19 0s 11½d. for 10 birds.

NOTE these remarkable facts. Not a single Bird broody during the Trials. Total number of Eggs 2,219. Total Weight, 4 722 ozs. Which demonstrates unrivalled grade.

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cockered chicks white or grey. The cross is extremely hardy, the pullets develop into reliable layers of good-sized tinted eggs, the cockerels into first class Table Birds, maturing earlier and growing faster than either the pure R.I. Red or the Light Sussex. The writer has had several years' experience with the cross and

knows what is possible to obtain in eggs and meat. It must be emphasized, however, that the parent stock on each side must be hatched from trap-nested high fecund birds and no attempt should be made to breed from the crossed pullets as the result would of course be mongrels.

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ENGLAND

Poultry Breeders

Poultry Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
10x Harry Richmond Poultry Farm Matlock Derby	Various breeds	KIDNER BROS Slaith Gully Cross Norwich Norfolk (esp)	R I Red
10x Brockbank A H The Croft Kirkanton Salford	Wh Wyandotte	Kirk J H Seaford Melton Leic	Utility
(cp)		Knight Mrs E M L Odstock Salisbury Wilts	Light Sussex
France H & C Woodton Farm Akeley Hereford	Wh Wyandotte		Wh Wyandotte
Jure William b. Old House West Hoathly Sussex (esp)	Light Sussex		Wh te Leghorn
			Barneselder
			Silks
Caunt Wm H Miss Sandgate Park Sullington Sussex (p)	R I Red	Lamb E A North H Grange St Bris els Glos (cp)	R I Red
Geater J T Rookery Farm Carlton Saxmundham	Wh Wyandotte	Lax R hand K Home Farm Ongodby Nc Selby	Wh Wyandotte
Suffolk (cp)		York	Plymouth Rock
Coles Mrs H Garveston Rectory Thuxton Norfolk	Various	Lark w ay M s M Cooper s Bridge Braunschot	R I Red
Gladfield George West Lake Bel tone Okehampton Dev (cs)	Black M nore	Laphook Hants	Light Sussex
GOLDEN W M Eagleshead Leure Rugby	R I Red	Levin Leonard Marl ingford Old Hall Norwch (esp)	R I Red
Gooding W J Bonas Jenson Kent	Buff Orpington	Ley Sir H Gordon Bart Larnaby Hall Cnberland (cs)	Brown Leghorn
Goodenough Thos Stockley S O Yorks	Dork Dorking	Longden G A Draycott Lodge Derby (cp)	Buff Leghorn
Goode C N The Croft Bedford Rd Rishden Northants	Wyandotte		R I Red
	Light Sussex		Wh Leghorn
	Buff Orpington		
Gooden L Ccl & Mrs Nethercompton Sherborne Dorset			
Grant Mrs Marie F Han Lodge Wickham Sussex	Wh Wyandotte	Major A J Ditton Langley Buks (p)	Dorkings
Shyfree Croydon		Mansel A Kingston Sturt Nr Thame Oxon (d)	Wh Wyandotte
Gray J W The Moat Hall Parkham Nr Wckham	Wh Wyandotte	Matthews C M The Home Farm Bourn Can bridge (p)	Brown Leghorn
Market Suffolk (h)		Mee Capt J T M The Giebfess & Gressenball Dereham	Buff Leghorn
Greenall S & T The Carlton Scroop P F Nr Grantham	Wh Wyandotte	Norfolk	Light Sussex
Lincs		Mench n ck J C Newland Hall Roxwell Chelmsford Ex (p)	R I Red
Griffin S H Inglenook Sand Bay Weston super Mare	R I Red	Milbank S F Fredk Bart Barnumham Park Richmond	Wh Wyandotte
Guthshaw J A Brook House Farm Hulsall Ormskirk	Indian Game	York	
Lanc	R I Red	Miles L Col S Charles Bart Walton in Gordano	Light Sussex
		Clevedon Som.	Anconas
Hall R W & Son Brk House Canon Pyon Hereford (A)	R I Red	Moore W F Newclose Dary Watergate Isle of Wight (c)	Wh Wyandotte
Hampton Glen Gndr The Hoo Welwyn Herts	Wh te Leghorn	Morton J G Coney Cray Pentrich Derby (cs)	Wyandotte
	Wh te Leghorn	Moxey J C Fram nghan Hall Nr Norw ch Norfolk (cp)	R I Red
Hannng Lee Condr J DSO Wooner H H Egg Farm	R I Red		Wh te Leghorn
Hare Mere Surrey	Wh Wyandotte	Mugli Mrs Daley Cheshire	Australay
	Light Sussex	Nycton Col & H Chad n gton Downs Ch pping Norton	R I Red
Hatde Mrs Lallford House Wincanton Somerset	Al cob s Ducks	Oxon	Wh te Leghorn
	Brown Sussex		
	Various breeds		
HADY CHAS. Arton Hall P F Rotherfield, Sussex	Wh te Leghorn	Nash R T Bckley Milverton Somerset (cs)	R I Red
Hatcaves G H Readley Poultry Farm Brerid old	Wh Wyandotte	Nalder Lucy Condr H G Tangley Mere P F Chilworth	Various
Burley Lancs	Khaki Ca Duck	Surrey	
Harris Reg Tom The Grange Calne Wilts (cp)	Dork Dorking	Norman Ralph Court Green Guabrough Yorks. (c)	Column B Wyan
Hart s Robt W Stew n Louth Lancs	Ind an Game		
	Bresse W & B R		
Harrison Mrs I F Caldbergh Mddleham Yorks	R I Red	Ovenden L D Oaksh old P F Wood nre Avenue Monks	
	Barnevelder	Orchard Croydon	
Hawk & H T The Patch Braughing Herts	R I Red		
Hayler C H Wyford Fen bridge Herefordshire (cd)	Wh te Leghorn	Pain Charles Earthowers Four Marks Alton Hants	R I Red
Hearnsall R T Fox Hl Burton Joyce Notts (c)	R I Red	Paley K H Moorgarth Caton Lancaster	Wh te Leghorn
	Barnevelder	Parish Mrs Norman The Heath Ladow Common	Barnevelder
Heslthlands Poultry Farm Ottery St Mary Devon	Wh te Leghorn	Wimbold	
Hepburn J S Fifeate Off ce Pooleston Lancy Dorking	Wh te Leghorn	Parker A J 39 Water Street Darby Co ne Lancs	R I Red
Hewitt H P M A The School Ound e Peterborough	Wh te Leghorn	Paul n Mss Broadfields W nchmore H B, N 91 (cd)	Black Leghorn
Northants	Wh te Leghorn		Barnevelder
Hibbing C Wm Bart Brackenbush Hall Southwell	Wh te Leghorn	Payne W C Le Chalet Weston Stevensale Herts	Barnevelder
Nott (cp)	Wh te Leghorn	Pearso J K Woodlands Poultry Farm Redcar Yorks.	Australay
	Wh te Leghorn		Wyandotte
Hider H F Iarc an Creet St Ives Cornwall (c)	Light Sussex		Speckled Sussex
Hiloway H W S on Day House Tawne Ncster	R I Red	Pearson Wm Wh te Hart Poultry Farm Tetford Hock	Roscombe
Landford Dorset	R I Red	Castle Lancs.	Pekin &
Holmes, Clay Clover Top Farm Welwyn Herts	Wh te Leghorn		Sussex Bantam
	Light Sussex		
Holmes Mrs Watkinson Rd Grantham Lincs	R I Red		
	Wh te Leghorn		
Hootby W L Litlington Park Stratford on Avon	Wh te Leghorn		
Warms (cs)	Wh te Leghorn		
Horne H S Ald worth Farm House Embsworth Hants	Sussex		
Hove, ed, R C Al r Farm Wall ton Somerset (cp)	Leghorn		
	Wh te Leghorn		
Hours C M Springdale Farms Thrydon Bona	Wh te Leghorn		
sex (cp)	Various Breeds		
Hounsfield P C Cedars Farm Combs Stowmarket Suff	Light Sussex		
	Light Sussex		
Jaacen Mrs Hard e Oldbury Hall Atherstone Warw	Wh Wyandotte	Peters, Arthur Bladon Farm Cranborne Salisbury (cs)	Wh te Leghorn
	Wh Wyandotte		Sussex
	Aylesb s Ducks	Pettitt A & J Frog F e Farm Alfriston Sussex (h)	Wh Wyandotte
	O E & Gaine	Peyton S F Algriston Bart Swiffs House B Eater	Light Sussex
Ja Mrs Oswald H Cavabdra Cartton Non (p)	Wh Wyandotte	Oxon	R I Red
Jerjee Mrs Patten Hill House Kington Warw (cs)	O L Jhesant	Prkington Alan D Dean Wood Ne shury Berks (cp)	Wh Wyandotte
	Fowls	Purman Mrs Helen I Scantels Twyfor Herts (cd)	Wh te Leghorn
Jorgens T Emm et Green Reading Berks	Ground Langshan		Wh Wyandotte
Johnston Miss S J Arview Radwith Glos.	R I Red	Plempion Capt A A Walkington Deverley E Yorks (cp)	Light Sussex
Johnson J R & C The Yewes Great Glenn Nr Leicester (cf)	R I Red		Buff Rock
	Wh te Leghorn		White Leghorn
J Jenson Mrs Ethel Ashton Hayes Cheshire (cp)	Utility		Black Ca Ducks
			R I Red
			Light Sussex
			White Leghorn
Jafran Capt A B M C. Stallton be House Wodbury	Various	Pratt S C N M P C Kelsey Poultry Farm Eelsey Lane	Light Sussex
Ncster Devon		Beckenham Kent	White Leghorn
Jay John A Raywood Hill Midwicheh Chesh (cp)	Buff Rock	Prescott Gordon H ehlends Wold nghan Surrey	Sil Wyandotte
Jeddy J H Hams Lane Poultry Farm Goomarsh	Lachequer Legn	Purchase D M Great Hele Barton South Molton	
Devon, Lancs		Devon (cp)	

Name and Address	Breed	Name and Address	Breed
Quincey Capt Richard S de Q The Vern Bodenham Hereford (chd)	R I Red	Snowden Frank Raikes Hall P F Cowling Yorks Spence W R 1 Inkneys Court Poultry Farm Pankneys Green Nadenhead B rks	Various R I Red Wh te Leghorn Wh Wyandotte Leghorn Wh Wyandotte Wh Wyandotte
Rance Messrs & Son Denham Bucks Rangeley Mrs Anne The Old Glebe House Draycote Rugby Warw (cpd)	Anconas Buff Rock Wh te Leghorn	Squar A W A S J Doggetts Rochford Essex Steed H C The Grove Lavenham S Holk (chd) Stokes W S The Winsmore I F Stockl nch Ilminster Somerset	Leghorn Wh Wyandotte Wh Wyandotte
Ransford The Misses Perseverance P F T n hampstead Berks	R I Red	Street J orter Stanley The Manor Covevey Isle of Fly Cambs (cpd)	Ut.Lity
Richardson J C Thorpeclands Earls Barton North ampton (chd)	Gld Wyandotte Cayuga Du ks Gold Sebright Brown Leghorn R I Red	Swire S C Lower Norton Wood Market Drayton Salop (c) Sykes Col H P Longford Hall Neaport Salop (p)	Wh Wyandotte Wh Wyandotte
Richardson Wm 13 Bootham Crescent York		Taylor Miss C A Marclands Poultry Farm Newgate Surrey	Blk Barnevelder Aylesby Ducks Black Silk es Light Sussex Plymouth Rock Buff Rock White Leghorn Wh Wyandotte R I Red
Rendall E P A alone Bndpost Dorset Rogers Mrs Margaret Rukford House Ioultury Farm Hunstperton at Sussex	Lght Sussex Red Sussex Ind an Game Dual Purpose	Taylor John Tptree Essex Thomas A H Sycamores Loose Kent (p) Tremane James Hamptreston Manor Farm W mborne Dorset (cpd)	Light Sussex Plymouth Rock Buff Rock White Leghorn Wh Wyandotte R I Red
Robinson W Northorpe Donngton Spalding Lincs (p) Rowell E M Bury Huntingdon	Light Sussex	Turle C J The Anglo-American Stock Farm Crowborough Sussex	
Rowley Capt W J Laurel Poultry Farm Pulham St Mary D s Norfolk		Turner H B Malverleys Newbury Berks (c)	
Royce Tomk n Lt-Col J W Little Haugh Norton Bury St Edmunds (c)		Upson E Reddens Farm Billinghamst Sussex	Lght Sussex Wh Wyandotte Buff Orpington Barnevelder R I Red
Royden T W E Flegg Bury Norfolk			
Sadler A W Diamond Cottage Lower Green Pembury Nr Tunbridge Wells Kent	Wh Wyandotte R I Reds &c	Vauhan R C Bushby Blackboys Sussex (pd) Vncent Samuel & Sons Oak Farm Northill Bagleswade Beds (cpd)	Wh Wyandotte Buff Rock Wh te Leghorn Lght Sussex R I Red
Scott Ioma & Co The Trenches Slough Bucks		Walmsley E A Mattingley Green, Hartley Wintney Hants	R I Red
Shepherd J White Brow Poultry Farm Hollins Nr Whitefield Manchester	Blk Barnevelder D k Orpington Wh Wyandotte BlueAndalus an Houdan &c Lght Sussex R I Red Wh Wyandotte R I Red R I Red	Walmsley Capt G OBE Gedding House Nr Bury Edmunds Suffolk (cpd)	Lght Sussex R I Red Khak Ca Ducks R I Red
Shadrach D L Radbrook Shrewsbury Salop		Walley J & Sons Wh te House Farm Plumley Knuts ford Cheshire (p)	Australorps Barnevelder Wh Wyandotte
Shanks Messrs Stetchworth Newmarket Suffolk (c)		Weholst Mrs Howcaple Grange Ross Herefordshire Wh tombe R G Blugates Selling Kent (cpd)	
Simmons Walter T Beenhams Reading Berks		Wgan Brn Gen J T C B C M G D S O D L J P Danbury Park Chertford Essex (p)	
Skinner Jim Wh tehall P F Ch ttlehampton De on Kent		Wiams Bros Stone Exford via Taunton Somerset (id)	Lght Sussex Wh te Leghorn
Slater Fredk M L Weston Colv lie Cambs (c)		Wood John R Castle Heaton Cambria on Tweed Northumberland (chd)	Utility
Slater Errols of S W The Grange Balsham Cambs (p) Sloper E H F a r Oak East e gh Hants (cpd)		Woodwits May E S Woodroffe Danbury Essex (chd)	
Smalley J B B rky Hall Carik in Carlisle Lancs (cpd)		Wylie D F Rea Brook M nster ey Shrewsbury Salop (chd)	
Smith Lady Barbara Strensham Court Worcester (cp)			
Smith Clifford Glen Lyn Park Lane Ke gh ey Yorks			
Smith E Bostock Heaslands Barham Canterbury Kent (p)	Wh Wyandotte R I Red GAS Wyandotte B k Orpington Ind an Runner Wh Wyandotte Wh te Leghorn R I Red Lght Sussex		
Smith H C Knowle Nr B rningham Warw Smith J H Southport Lancs			
South Eastern Agricultural College Wye Kent (cpd)			

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SCOTLAND

Poultry Breeders

Name and Address	Breed	Name and Address	Breed
Astor Lady Violet Cars e Blargownie Perth (p)	Wh Wyandotte R I Red	Leitch James Mackessack Carden Alves Forres (cpb)	White Leghorn
Bennie W Garth House Denny Stirlingshire		Livingstone John Peelhill Darvel Ayrshire	
Brown J D Knockbrex Borgue Kirkcudbright (cpd)	Rovers & Aylesby Ducks Exchequer Lgn Crd Langshan Red Dorking Dark Dorking R I Red White Turkeys Aylesby Ducks	McKinlay James Gaucyhillock Newmachar Aberdeenshire (s)	Wh Wyandotte Orloffs
Cathcart Col J T Pitcairne Newburgh Fife (pb)		Malcolm G A Whitteghame Mans Haddington East Lothian (sh)	Australorp Indian Game
Cross Sir Wm Bart Seafwell Murolond Ross-sh (cpb)		Müller John R Mid Kilton Castle Douglas Kirkcudbright (sh)	Wh Wyandotte Leghorn
Connon Robert Nether Coull e Kemnay Aberdeen (sh)		Miller R Scott Clydenek P F Liddingsstone Nr Glasgow Lanark	R I Red Light Sussex Exchequer Lgn
Dawson & Chisholm The Muses Cantray Gollanfield Inverness-shire		Miller Robert Denny Stirlingshire	
Do e Bros Tower Raus Barrowhead Renfrewshire (cd)	R I Red Wh te Leghorn	Minto The Earl of Minto House Hawick Roxburghshire (sh)	R I Red Wh Wyandotte Light Sussex
Falconer Wm North Alves Forres Morayshire (s)	Wh Wyandotte	Munro John Kinnabard Strathpeffer Ross-shire (sh)	
Ferne George R ggonhead Tranent East Lothian (p)		Nicholson Peter Setter Walls Shetland (sh)	
Lorothy Wm Auchernack Grantown-on Spey Morayshire (c)	R I Red Amer Bronze Turkeys	Red David J P Firthview Port Gordon Banffshire	Wh Wyandotte Dorking
Gaskell Capt W R Kirklands Kirkcunneil Dumfries (cs)	Wh Wyandotte	Robertson Ian S Linkwood Elgin Morayshire (cpb)	Wh Wyandotte
OLENTANAR LORD Glen Tanar Aboyne Aberdeenshire (cpb)	Australorp	Rogers James Forreth Blairgowrie Perthshire	Geese
Guthrie James Commonhead Kilmarlock Ayrshire (cs)	Chinese Geese Utility	Rottemburg F A Lochlane Cniff Perthshire (sh)	Turkeys
HEDLEY GEORGE Howpasley Hawick Roxburghshire (sh)	Aylesbury and Indian Runner Ducks	Scott J Moffat Inchrock Arrothair Forfarshire (c)	R I Red
Hogg Alex Upper Senack Kirkcudbright (sh)	White Leghorn R I Red	Smith Mrs Buchanan Drummond Pitcairne Aberdeenshire (sh)	White Leghorn
Huntley Jas & Son Hmel P F Coldstream Berwick (sh)	Aylesby Ducks Rouen Buff Orp	Smiths Jas Gayfield P F Rothsay Bute	
Jack Wm Cassels Robeland Lanark (cpb)	White Leghorn Wh Wyandotte	Sports C T Keir Poultry Farm by Thornhill Dumfries	
Jamieson M L Langholm Ochiltree Ayrshire (sh)	White Leghorn	Star The Earl of DSO Lochinch Castle Kennedy Wigtownshire (sh)	R I Red
		Steele T J & R Debor Douglas Lanarkshire (sh)	Utility
		Swanson W H Phlips Mans Mey Thurso Caithness (sh)	R I Red
		Sydney Thos Shergarvan and Middlekerse Farns Kippes Station Stirling (sh)	
		Turner Miss L C. Kilchamaig Wh house Argyllshire (sh)	Utility
		Wm T M A. Belmont Uyeasound Shetland (sh)	Toulouse Geese
		Wilson Alex Bankhead P F, Bucksburn Nr Aberdeen	Light Sussex Indian Runner Ducks
		Wyllie A R Craglea Poultry Farm M d Calder M dlothan	
		Wyllie David & George D. Handgrove Ruthwell Dumfries-shire (sh)	Wh te Leghorn Exchequer Lgn

WALES

Name and Address	Breed	Name and Address	Breed
Fawcett R A Radnor Valley P F New Radnor Radnorshire	Black Leghorn Wh Wyandotte	Price R B, Bnton Station Road Rhydar Rads	O E Game
Freeman C L D Llanfawrwell Anglesey		Sandbach The late Col. S Hafodnos Abergele N Wales	Buff Leghorn
Harrop Norman Mlne Garthgynan Ruthin Denbigh (cpd)	Aylesby Ducks		Buff Orpington
Howells Mrs B J Glovne Narberth Pembro (cpd)	R I Red		Light Sussex
Jackson Bro Gen G M The Estate Office Delanog Nr Welshpool Mont	Lt Sp Sussex R I Red		Wh I R Ducks
Jones G 107 Bute Rd Cardiff Glam	Wh te Leghorn Barnevelder	University College Aberystwyth Card (sh)	Turkeys
Jones W L Bestbrook New Radnor Radnorshire (sh)	Wh te Leghorn R I Red		Wh te Leghorn R I Red
Lewis W K Gwernaffel Llanidloes Radnorshire (sh)	Wh Wyandotte	WARD-JACKSON, MRS C L, Brynagwyl Aberkenfig Glam	Australorp
Lloyd W Thomas Mabws Hall Llanrhystyd Cardigan-sh (p)	Wh te Leghorn R I Red O E Game	Williams Dr J O Brynagwyl Hall Nr Dywylan Anglesea	Wh Wyandotte
		Wilson Mrs Alec Garth Wyandotte Farm Garth Brecon	Wh Wyandotte

IRELAND

Name and Address	Breed	Name and Address	Breed
Agricultural Station Athenry Co Galway IFS (sp)	R I Red Wh Wyandotte	Grey Wm J Barnhill Dalkey Co Dublin IFS (cpd)	Wh Wyandotte R I Red
Barrow Maj R F Milestown Farm Castle Bellingham Co Louth IFS	Turkeys Utility	Honner Wm Brightside Fort William Park Belfast Co Antrim (cp)	Turkeys Leghorn
Bradley Michael Cloonkehone Hollymount Co Mayo IFS	Bk Minorca	Hunter J R Brooklands Barnett's Road Knock Belfast Co Antrim (cp)	Wyandotte Leghorn
Cole J J, Nohil Park Cloverhill Co Cavan	Wh Wyandotte Bk Minorca Sussex	Johnson J J K, Cranysale Fatona Co Tyrone (cp)	
Corynan, Patrick Glenroy House Duncastle Co Meath IFS		O'Connor Don Clontarf Castle Roscommon IFS (cp)	Bk Minorca R I Red
Dwyne Miss Kathleen Wells Gorey Co Wexford IFS (sp)	Barred Rock Light Sussex	Porter John Ballyknockan Ballygowan Belfast Co Antrim (cp)	
Gamble James B Foyln Castellan Co Down IFS (cp)	Wh te Leghorn Buff Orpington	Pringle Henry Moor Farm Ballygawley Co Tyrone (cp)	R I Red
		Workman Major W E H J P, Carradore Castle Daghachale Co Down (cpb)	White Leghorn Light Sussex O E Game

Poultry Breeding in Finland

By MATTI ILKKA

The development of Poultry breeding in Finland has been rather slow, but after the war, owing to a steadily increasing demand from abroad, the egg export of Finland rapidly expanded. Thus in the year 1921 eggs to the value of 17 million Fin marks were exported, and the demand for high-quality Finnish eggs gave a powerful impetus to the industry with the result that many hundreds of new Poultry farms were started. At the present time the stock of birds is probably 1,500,000, and the "Finnish Poultry Breeders' Association," a new organisation for the development of poultry breeding, is steadily working to promote the interests of an industry that seems particularly important in a country of small cultivators.

A new Association—"Muna Egg Export Society"—controls the export of eggs as well as sales in the country, and is now looking after the trade in an article for which the demand so far exceeds the supply.

When it became evident that the Poultry industry could only properly develop on the basis of high yielding stock, it was decided to establish a Breed centre to which would-be poultry breeders in various parts of the country should be invited to go through a course in Poultry management, and prominent foreign types of poultry were imported, such as the White Leghorn, the grey-feathered Plymouth Rock, the Ancona, and the Brown Leghorn. Simultaneously, systematic im-

provement of the native Finnish breeds was decided on and the work is progressing very favourably. A 'Poultry Breeders' Register' was started in 1923, and for entry it stipulated that the hens during the control year must produce (minimum) 200 eggs. Hens are classified now into four classes according to type, the size of eggs laid, and the weight of these. It is further stipulated for entry to the Register that the weight of the eggs produced during one control year must reach a minimum of 11 kg. This stipulation has had satisfactory results and there is now a great number of hens whose production reached 20 kg during the last control year.

It should here be mentioned that the White Leghorn to day comprises 70 per cent of all existing breeds.

The breeding of table birds is not, as yet, very highly developed. The following table indicates results obtained with the respective breeds at 10 Finnish Poultry farms during the control year 1926-1927 —

POULTRY FARM

The Ruokolinnaas at Sauvo		Plymouth Rock	hen	316	eggs
The Neitsaaris	Karuna	White Leghorn	hen	315	"
The Tirolas	Kaivanto	"	hen	308	"
The Siemanssens	Kemio Dalby	Ancona	hen	308	"
The Savolainens	Perkjärvi	White Leghorn		307	"
The Kariolas	Johannes	"		303	"
The Korkolas	Tyrmava	"		297	"
The Neitsaaris	Karuna	"		294	"

Prominent Breeders

Brunn Inkeri	V. puri	Torkkela	Lundqvist U	Ri. humaki
Grundqvist J.	Turenki	Tallmo	O. teurlend E	Lo. ma
Haapanen J. V.	Poti	Kuusimäki	Pekkonen M. M.	V. esala
Hakala M.	Sammankatu 26	Laiti	Rantala	Hämäläinen
Juuti laura Ed. Mrs	Jaaski as		Ratv M.	kuokkanen
Ketola P.	Kyrö	Tuomisto	Reinander I.	Hämö
Korkala S. et Mrs	Tynäva		Simo V.	hassola
Koort V.	Kannus	Ollikkala	T. ren A.	Idinää
Korsman A.	Sauvo	Ruokola	T. tola E. & kump	Karvanto
Koskela	Lapua		Vakkama M.	Mantylä
Lundqvist J. K.	Hämäläinen			

Poultry Breeders in Estonia

Häus A. Väike Maaria küla heinamaajapidamise hoolde peava herra A. Aleksandritän 14 võru kreutseeride K. Toul tühikutele talu Ambla küla H. Ravila talu Venus Laur J. Rakvere asundus, Rakvere Lents A. Lepna asundus, Võrissaare k. & Rakvere Lindberg J. Laend asundus, Lagedi Luik J. Veski talu 1 Võhma Mänu J. Põnnaste Mänu J. Põnnaste talu Otsamõis O. su	Otiis G. Villemi talu Vana Kuuste haamja Põola K. Väike-Vuandi talu 1 Tartu Prots J. Panselja Are I. berer O. Silla K. toon J. Võnnemäe küla, Aidu vald, Tartu Soel, J. Põnnaste Kuusiku Traa J. Tšib talu 110 Tartu Väinela Põldakooli k. O. su Väinela M. spidise hoolde, Tartu Vesku, J. Laasmägi, K. Kallala.
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The East Prussian Poultry Breeder's Register.

Office: Chamber of Agriculture for East Prussia.

KÖNIGSBERG, PREUSSEN.

BREEDS WITH HIGH PRODUCTION QUALITIES:

Brown Italians, White Leghorns, Buff and White Orpingtons and Barred Plymouth Rocks

Hatching Eggs, One day-old Chickens, all Strains and Brood Hens on sale

Poultry Breeding in Hungary

By JOHN WINKLER, General Secretary, National Association of Hungarian Poultry Breeders, Ullooi ut 24, Budapest

Geographical and climatic conditions make Hungary particularly adapted for the breeding of all sorts of poultry and Hungarians know how to breed animals and adapt their methods to the taste and the requirements in Western Europe, factors which account for the rapid development in poultry breeding as illustrated by the following figures :

The value of exports of poultry amounted to 14 million gold kronen in 1882, rose to 83 million in 1913, and leaving the war period out of consideration and taking the figures for post-war years only, the

steadily increasing figures testify to sound development. While in 1924 the value of exported poultry reached 44 million gold kronen, the figures for 1925 amounted to 60 millions, in 1926 to 75 millions, and in 1927 to 90 million gold kronen. It should be borne in mind that as a result of the war Hungary lost two-thirds of her territory, but nevertheless her exports of poultry now exceed those of pre-war Great-Hungary. The export of live and killed poultry, eggs, goose fat and eiderdown principally goes to the neighbouring western countries, and the export to England likewise shows

PROMINENT POULTRY BREEDERS (cont'd)

Asz Wüstner Henrikné Alsóöld (Pest Megye)
 Kuzsuszó István Leiszahalom
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 Dr Sváás Alfréd Budapest VII ker. Leiszahalom királyi út 15
 Turiet Lajosné Rákosszentmihály Mária utca 8
NYUTENÉSZTŐ MINTATELEP, Csallargy
 Nótines Leghorn Farm, Nótines Nótárlé Vármegye

Predmészky Dezsőné Nótines (Nógrád VM)
 Dr Sarmis Antalné Kispeszt, Kossuth utca 10 sz
 Srónyey Lorándné Budapest Óbuda Hajógyári sziget
 Nagykovácsy Baroni, Galamb- és Hányúli tenyésztők Egyesülete, Nagy-
 kőrös
 Fekete Mihályné, Kiskunmajska (Szolnok megye)
 Maga János Kiskerkemét Alsó székely megye

Poultry Breeders in Spain

Albuquerque Duquesa de	Madrid p	Guevara Count de	Tejerna	Léon
Alecanes Marqués de	Madrid As	Hernández Emilio Soria	Villareal	Castellón
Alfendalazar Lirique	Madrid	Herrero Jaime		Madrid
Antequera Carlos Morales	Segovia	Jacquette Manuel & D. Lu a		Madrid
Arce Domingo Rodriguez	Colmenar	Junta Local de Casa de Coim Viejo		Badajoz
Ariza Felix	Madrid	Junta Provincial de Ganaderos		Burgos de
Arroyo Lucio	Madrid	Junta Provincial de Ganaderos		Cadix
Asociacion de Ganaderos	Santander	Junta Provincial de Gana leros		Murcia s
Barona Bernardino	Guadajara	Junta Provincial de Ganaderos		Soria
Bernar v de las Casas	Madrid	Leto Santesteban, L L de		Madrid
Blanco, José Maria	Avila	Llan y Heredia Narciso de		Madrid
Bosch de Caldero Miguel	Burgos	Llorente y Jimenez Francisco		Madrid
Cabezón Rafael S	Valencia	Mahou Luis D		Madrid
Catalayud Joaquin	Madrid	Martinez Eduardo		Madrid
Callar Jose Maria	Brugos	Menéndez Menendo Gomez		Oviedo
Campo Pedro del	Madrid	Molner José Maria		Burgos
Canas Enrique	Madrid	Morella Marqués de		Madrid
Carralero Ruf no	Madrid	Sociedad Navedo	Ciudad Lineal	Madrid
Casa Pacheco de Marqués	Madrid	Pastrana Enrique		Madrid
Casa Treviño Marqués de	Madrid	Peco Federico		Madrid
Casares Segundo	Madrid	Pecurana Manchega	Ciudad Real	Madrid
Castañera Marqués de	Madrid	Pierogado Augusto	El Escorial	Madrid
Castellar Carmen Sra	Madrid	Ikman Carlos Pitar	Dos Hermanas	Madrid
Castro Salvador	Madrid	Ilá José	Solá	Barcelona
Castillo y Carreras Salvador	Madrid	Polo Polcarpo Fernández	Murados Camargo	Santander
Cavanna José C	Madrid	Pons José	Avenys de Mar	Barcelona
Comillas Marqués de	Avila	Prieto Antonio	Almonacid de Zorita	Guadalajara
Confederacion Católico Agrario	Madrid	Príncipe de Asturias		Madrid
Cresonarios de Folle	Galicia	Redal Custod o	Ciudad Lineal	Madrid
Diputación de Cuba	San Sebastian es	Revueña Hermanos	Infantes	Ciudad Real e
Diputación de Guipúzcoa	Bilbao e	Ribas Em lo Vidal		Madrid
Diputación de Vizcaya	Nuevo Bantán	Robles Emilio Gómez		Avila
Escuela Superior de Agricultura	Valadolid d As	Kosaro Infesta	Dna	Madrid
Estremaza y Trago Maria Cal de San Blas	Segovia As	San Jorge Marqués de		Madrid
Fernández Clemente	Oviedo	Segarra José		Madrid
Fidalgo Manuel	Valadolid d As	Silva Jose Joaquin	Horcajo de Santiago	Cuenca
Flores Carlos	Oviedo	Solo Héctor de		Madrid
Gamara Srs	Cáceres esp	Soria Emilio	Ciudad Lineal	Madrid
Garay Antonio	Madrid	Soriano, Ramon Castillo	Maello	Avila
Grane Gerard Juana	Dna	Trigo Jose		Madrid
Granja Aycola mas Bertrán	Madrid	Trucharte Antonio		Madrid
Granja del Hnas	Madrid	Villaamil Enr que P de	Ciudad Lineal	Madrid
Granja El Pilar	Madrid	Vizcaino Ieréz		
Guerrita Garcia	Chamartin de la Rosa			

U.S. American Poultry Clubs

American Bantam Association	POB 461 Chicago	Ill	R C Black Minorca Club	Sta C R 3 Columbus	Ohio
Battered Plymouth Rock Club	Union City	Mich	S C Black Minorca Club	RR 4 Box 137 Ply mouth	Indiana
Buff Orpington Club	Weymouth	Mass	Shore Pen Wyandotte Club	Montello	Mass
Buff Leghorn Club	R No 1 Tomah	Wis			
Plymouth Rock Club	Alexster c/o Rockhurst	S Dak	Turkey Club	Rochelle	Ill
Buff Wyandotte Club	Columbia	Ill	Jersey Black Giant Club	Belmar	N J
Buttercup Club	Berea	Ohio	Kivi Speciality Club of America	Jasper	Alabama
Columbian Plymouth Rock Club	Hackettstown	N J	National American Don in que Club	West Millbury	Mass
Cornish Club	Utica	New York	Back Langshan Club of America	Cottage Place Stratford	Conn.
Houdan Club	Fall River	Mass	Bantam Associat on	Brooklyn	N Y
Java Association	Albany	N Y	Bourbon Red Turkey Club	La Porte	Ind
Leghorn Club	Bel Air	Maryland	Bronze Turkey Club	Myersdale	Iowa
Light Brahma Club	25 1/2 26th St	New York	Buff Wyandotte Club	Delavan	N Y
Orpington Club	Gambriils	Maryland	Columbian Wyandotte Club	Hammonston	N J
R C Barred Plymouth Rock Club	Oskaloosa	Iowa	R C White Leghorn Club	Belleville	Ill
R C Brown Leghorn Club	Patchogue	N Y	R C White Orpington Club	Sta A R 3 Syracuse	N Y
S C Brown Leghorn Club	Parkville	Mo	S C White Leghorn Club	Burlington	Wis
S C White Minorca Club	Perryville	Ohio	Partridge Wyandotte Club	Waverter	Mass
Waterfowl Breeders Assn	Alexander	Ill	The Nat onal White Wyandotte Club	Edmonds	Wash
White Orpington Club	Spencer	Iowa	The New England Golden Wyandotte Club	Andover	Mass
White Plymouth Rock Club	Union mer	Mass	Nat onal Black Wyandotte Club	Fallstonlee	West Va
White Wyandotte Club	Roxbury	Mass	Rhode Island Red Club of America	Crafton	N Y
White Wyandotte Club	Ramsey	Calif	White Club of America	Fitzing	Mo
White Wyandotte Club	Pomona	Ind	Rose Comb Black Minorca Society	Pompey	New York
White Wyandotte Club	Hope	Ind	Leghorn Club	Waukei	New York
White Wyandotte Club	Downers Grove	Ind	Silver Wyandotte Club of America	Rush C ty	Mass
White Wyandotte Club	La Fayette	N Y	Southern Dark Brown Leghorn Club	PO Box 1294 White	Texas
White Wyandotte Club	Richford c/o Chas. Nye	N Y	Club	Ita's	
White Wyandotte Club	WIS Chamber of Com merce Buffalo	N Y	United America Club	Franksville	
White Wyandotte Club			Nashua Club of America	Berra	
White Wyandotte Club			White Minorca Club	Franklin H H	

British Breeds of Dogs

The Kennel Club is the recognised governing body of Dog Shows and Field Trials in this country and occupies a position in the Dog World similar to that occupied by the Jockey Club in the Racing World. Under its aegis the Industry of Dog Breeding assumes its rightful position, that is an Industry carried on in a correct and proper manner. Constituted over 54 years ago the Kennel Club has registered the Pedigrees of somewhere in the neighbourhood of 60,000 Dogs in the year. The Club as such is a direct result of irregularities which arose concerning some of the very earliest Dog Shows that were ever held. It is impossible to clearly indicate within such a short space the many and varied activities of this Club which is carried on with the sole object of preserving not only reliable and correct pedigrees but also ensuring that Shows and Field Trials are correctly conducted.

The following are those breeds which besides being pre-eminently British in character are at the same time among the most popular of the varying types of Dogs bred to-day in this country. Many 'fancy' breeds have been introduced into the Dog World, but it will be noticed that the following list is chiefly composed of Sporting and Gun Dogs:

Terriers

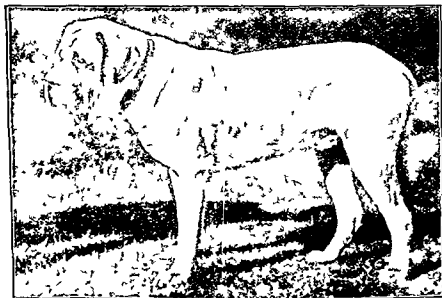
Airedale	Terrier	Irish	Terrier
Bedlington	.	Kerry Blue	
Border	.	Manchester	
Bull	.	Scottish	
Cairn	.	Sealyham	
Fox	.	Welsh	
	(Smooth and Wire)	West Highland White	
		Terrier	

Hounds

Basset Hound	Elkhound
Beagle Hound	Irish Wolfhound
Bloodhound	Foxhound
Deerhound	

Then there are of course a great number of Sporting or Gun Dogs amongst which might be mentioned

Retriever (flatcoated and curly coated varieties)	Clumber Spaniels
Labrador Retrievers	English Springer Spaniels
Yellow or Golden Retrievers	Field Spaniels
English Setter	Irish Water Spaniels
Gordon Setter	King Charles Spaniels
Irish Setter	Sussex Spaniels
Spaniels of the Cocker variety	Welsh Springer
Other popular breeds are	
Bulldog	Mastiff
Collie (rough and smooth)	Newfoundland
Great Dane	Old English Sheep Dog
Greyhound	St. Bernard



CLEVELAND PREMIER owned by H. COOK Cleveland Mastiff Kennels Middlesbrough

THE GREYHOUND—This extremely well known breed is to-day probably owing to the new form of sport Greyhound Racing better known than ever before. When references can be traced to this dog in the Bible and in Ovid's Works there can be no question as to the great antiquity of the breed. Coursing has been and probably will remain one of the most select sports. It is recorded that the first public Coursing Meeting was held at Swaffham in Norfolk in the year 1776. Greyhounds are not usually shown and it only seems right that this should be so in their real purpose is that of coursing the hare. At the Altcar Meeting near Liverpool where the famous Waterloo Cup is competed for every year the sport is seen at its best.

THE MASTIFF—There can be no doubt that the Mastiff is the oldest and noblest of our British Dogs. He is a combination of grandeur and good nature, courage and docility and many amazing incidents are on record of his wonderful sagacity. The average Mastiff dog stands 30ins at the shoulder and weighs 180 lbs. A bitch 2ins less and 20lbs lighter. Many Mastiffs of course exceed this height and weight. He should be apricot or silver fawn or dark fawn brindle and in either case his muzzle and ears should be black. His huge skull and short deep squarely truncated muzzle with a small dark hazel eye and small ears are his most valuable assets and combine to give him that lovable expression so patent to the Mastiff.

Mastiffs have been exported to all quarters of the globe and from reports received they are easily acclimatised to the rigours of Siberia or the Tropics of India.

The Mastiff looks his best where he is most often seen adorning the halls of country mansions with probably the pet Pom and Pekie asleep between his forepaws. (H. COOK Cleveland Mastiff Kennels Middlesbrough)

THE BLOODHOUND—This unquestionably old established breed can probably be traced to have sprung from the old hounds the Talbot and St. Hubert. They have been used for very many years for tracing and hunting down criminals. They were used for this purpose in both the Scottish and Irish Wars. Reference is made to Wallace and Bruce being hunted by bloodhounds. Their deep and rather eerie-sounding bay is like no other. Their patience and ability to scent out a cold line are the bloodhounds' special qualifications. The breed has never been very popular due perhaps to a misperceived idea that it is ferocious and uncertain in temper. This is however far from the actual case.

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THE **SEALYHAM TERRIER** as its name implies was origi-
nated in Pembrokeshire by the late Captain Edwards.
This gentleman wanted a white—or mostly white—game
terrier small and shorter on the leg than the Fox Terrier
of those days—a dog to face a fox, otter and badger.
Many breeds are reputed to have gone to the making of this
now famous little Terrier.

When recognised by the Kennel Club as a pure breed
a few years before the war, it quickly caught the imagi-
nation of the dog-loving public. That it has maintained and indeed
increased its tremendous popularity is proof of its stirring
character.

Shows have altered and still seem to be altering the type
and though the present-day type may have lost much of the
appearance that was obviously thought ideal for the early
standard, probably one and all will admit that to-day it is an
infinitely more attractive looking and sounder dog, and also
that it is far more standardized than in the early days, and
at the same time, that in nearly every instance it maintains
not only its lovable nature but also its sporting instincts and
its extreme gameness.

Many Champions have now been bred, but even to-day
almost every breeder will think first of the International
Champion Brash Bend go when asked to name the great dog
of the breed, not as the most faultless dog perhaps, but as
the dog that was most essentially all that a Sealyham should
be in type and character.

Other outstanding dogs of fairly recent date have been

International Champion	Scottie Swell
"	St Margaret Surprise
"	Brash Beau Ideal
"	Delf Discriminate

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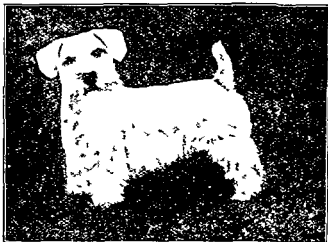
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Sealyham Terrier INTERNATIONAL CHAMPION BRASH BENDIGO

The reasons for the increasing popularity of the breed are
not far to seek. He is smart and attractive in appearance and
no more delightful pal can be found. He is game and an
excellent guard and not half as noisy as many other breeds of
Terriers. All who have owned one want another (R.S. de Q.
QUINCY The Vern Bodenham Hereford).

THE BEDLINGTON TERRIER—There is no gamer Terrier
than the Bedlington which 35-40 years ago was one of the most
popular varieties in the country. To quote a description
the Bedlington is a light made dog with a bright
alert bearing and whose cut and demeanour are indicative of
fire and resolution.

His breed is particularly suitable for riverside work. With
out being quarrelsome he is well able to take care of himself.

BORDER TERRIER—Very old established breed although it
is only within the last few years that it has received recogni-
tion from the Kennel Club inasmuch as they now allocate
classes at their various Shows. Essentially a sporting terrier.

BULLDOG—This breed has always been regarded as typifying
the essential qualities of the British race. Of indisputable
antiquity references can be found relating to this breed as far
back as 16th Century, probably references to the progenitors
can be found of an earlier date. There is no doubt that the Bull
dog was used for the barbarous sport of bull baiting, although
the type of dog depicted in pictures of this sport show that the
breed has altered considerably from those days. The Bulldog
Club founded in 1874 has done much to improve type and con-
sequently the popularity of the bull dog. The ferocity of his
appearance is belied by the gentleness and quietness of his
character. The colour should be whole, that is of a brindle-
red or white with the variations.

The Finest SHEEP DOG in the World

IF YOU WANT A GOOD WORKING COLLIE

apply to

**JAMES A. REID, Hon. Secretary, International Sheep Dog Society,
28, Anderson Street, Airdrie, Lanarkshire, Scotland.**



Miss Isabel J. W. Reid, daughter of Mr. J. A. Reid, Hon. Secretary of the "International," with four of the Competitors at the "International," held at York, September, 1928. (Reproduced from "The Times," London.)

AIRDRIE SHEEP DOG BREEDER'S SUCCESSES.

At the International Sheep Dog Trials at Criccieth, North Wales, last week, Mr. Reid, the Hon. Secretary of the International Society, was again a prize-winner. At Ayr in 1921 he won the prize given to the breeder of the winner of the supreme Championship, "Haig," owned and run by the Northumberland veteran, Mr. Adam Telfer. Last week, Mr. Reid was again associated with the winner of the championship, "Spot," owned and run by Scotland's foremost competitor, Mr. A. Millar, Newmilns, being sired by a dog bred by Mr. Reid, out of a bitch owned by Mr. Robert Douglas, shepherd, Hawick, who got the breeder's prize. In the farmers' class, however, Mr. Reid got the breeders' prize, the winner, "Loos," belonging to and run by Mr. Wallace, farmer, Dalry, Galloway, having been bred by him four years ago. ("Farming News," 30th Sept., 1925).



ENGLISH SETTER
CHAMPION CROSSFELL,

Winner of 92 First Prizes
15 Championships and
many times best of any
breed in the Show in-
cluding Kennel Club
Show, 1922

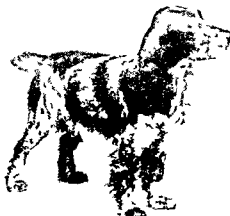
Bred and owned by
GEORGE C. ATKINSON
The Bank
Appleby

THE AIREDALE TERRIER—Noble faithful sporting alert good to look upon vastly intelligent reliable as comrade and friend are from my experience and close association with the Airedale his outstanding characteristics and sufficient proof that he fully merits being acknowledged in the Dog World as The King of Terriers As Monarch upon the Throne of Terrierdom let all Airedale Enthusiasts voice and ventilate his charms equally attractive in the Show Ring as in the Home and enlist the interest of those who hitherto have missed acquaintance with the most interesting of Terrier personalities (MRS. COURTENAY MITCHELL Maryvale Emsworth Hants)

COCKER SPANIELS The unique personality of the Cocker Spaniel has gained it its present enviable position and few if any breeds are so adaptable to all modern day requirements He is capable of a full day's work with the gun he is an ideal companion in the home being absolutely reliable with children and his disposition it is impossible to better As a show dog he is generously catered for at all the events and as a thing of beauty he has few if any competitors Constitutionally this breed has suffered less than most and his sturdy build compact size and adoring expression have made him a favourite in every quarter of the Globe

It is recorded on more than one occasion that the best of all breeds in show have been won by Cockers as far afield as Calcutta and New York The mere fact of the enormous increase of the registrations which have come from hundreds into thousands during the post war period is sufficient testimony to the virtues of this grand sporting dog (H. S. LLOYD Swaleley's Farm Ickenham Middlesex)

FOX TERRIER—This probably the most popular of all the many varieties of Dog Breeds owes its popularity to the fact that he is when correctly and well trained gentility personified Equally at home amongst the family or living an outdoor life he makes an ideal companion being sagacious and trustworthy as a working terrier he is comparable to any other breed of terrier and in spite of many criticisms has much improved in appearance and gameness during the last few years Possessing a sound constitution the breed is hardy and easily reared



Cocker Spaniel CHAMPION INVADER OF WARE, property of H. S. LLOYD Swaleley's Farm Ickenham Middlesex

Judge-Brown's Coat Grower & Reviver

This preparation is particularly suitable for promoting growth of hair on dogs and cats. For show purposes it is excellent, increasing the thickness of the coat. It is used with great success by the leading exhibitors. Small Bottle 1/6 Half Pint, 3/- Postage on each 6d. extra. One Pint, 5/- Postage 6d. extra. Half Gallon 7s. 1/6 One Gallon 12s. 2/6 Postage on each 1s. 2/6.

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Edmunds Mrs 140m Leighton Buzzard Beds	Bloodhound	Irington Lancs	
Edwards W Dew 111 Newport House Leominster Hereford	Spaniel	Hill Mrs T A M The Grange Plumtree Notts	Sealyham
Emerton Mrs J * Cobblestones Arkley Barnet Herts	Newfoundland	Hillley Mrs E J Nutwood Betchworth Surrey	Bull Terrier
Entwistle J F The Manor Farm Crigglestone Wakefield Yorks	Pekinese	Hinks J Canoe Repository Sherlock Street Br	
Escombe Mrs Whitehall Southern Warwickshire	Golden Retriever	irmingham Warw	
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Evans J L L Chester Rd Lark Saffron Walden Essex	Golden Retriever	Hirst Mrs W The Quarry Cottage Claverdon Down	Schipperke
Eyre Ben Jr Hasbidge Ashtonby Sheffield Yorks	Collie	Holmes Major & Mrs Flank Mithell Sandon	Irish Wolfhound
Fairbrother M 60 Wellington Road Edgbaston Birmingham Warw	Irish Wolfhound	Chelmsford Essex	Saluki
Fall Mrs Florence Chepping Kennels Sewardstone Churchland	Bull Terrier	Holt Hughes Capt T H The Old Rectory Aslacton	Spaniel
Faulstich Phillips Lady Balls Park Hertford	Chow Chow	Norwich	
Fearn F York Street Hasland Nr Chesterfield Derbyshire	Newfoundland	Hooper Mrs D M & Stafford Walter Bellar High	Engl sh Springer
Fenton S C Creeve Coat Kennels Wokingham Berks	Sealyham	Essex	Spaniel
Ferguson T A Temple Park Kennels Hillingdon Middlesex	Greyhound	Hope John Stourbridge Road Holly Hall Dudley	Newfoundland
Fish Arthur R Holme Mead Hutton Nr Preston Lancs	Pointer	Howell Mrs Vernon 1 Madeley Road Eal nr W 5	Ch nese Chow
Fleming Mrs N Out of the West Kennels Hazelmere Hgh Wycombe Bucks	Cairn Terrier	Horne H S Aldsworth Farm House Emsworth	Springer Spaniel
Flint Miss L M The Haven West Wyton Yorks	Old English Sheepdog	Horsfield J J Terrol Lodge Northenden Road Sale	Newfoundland
Firth Capt C P L Compton Durville Mair or South Petherton Som	Cairn Terrier	Howard Mrs Charles Castle Rong Kings Lynn	Cairn Terrier
Forth Mrs E J Mandrake House East Bank Road Sheffield	Cairn Terrier	Howard Mrs H Hampton Lodge Farnham Surrey	Alsatian Wolf
Fox Brockbank A H The Croft Kirkcanton Selkirk	Border Terrier	Howard Shannon Dr S S Medical Officer S House	Newfoundland
Francis Mrs A D Monkmead West Chilton nr Ex	Dand e D amount	Ironson Quarters Watford Road Manchester	
Frost J Lightfield Kennels Watchtush Salop	Engl sh Setter	Hove Countess Howarth Horndon Cosham Hants	Labrador Retriever
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Galway Mrs Payne Hampton Lodge Grantham Lancs	Cairn Terrier	Hudson Capt T H Biley House St Marybourne	Irish Wolfhound
Gannaway T Lillington Kennels Batford Harpenden Herts	Bull Terrier	Hughes Mrs T W Avondale Woodfield Avenue	Newfoundland
Geddes Miss K Meadows Northumberland Road Nr Barnet Herts	Newfoundland	Hulbert Henry Wood View Mddleton Lancs	Spaniel
Genje John H Rodbourne Hotel Rodbourne Cheney Strydom Wilts	Buildog	Humber Mrs A South Lawn Marton Blackpool	Newfoundland
GEY LADY DE Othlington Nr Worthing Sussex	King Charles Spaniel	Lancs	
Gill Mary Forton House Longparish Wiltshire	Engl sh Setter	Humphrey W Wallop Hall Westbury Salop	Engl sh Setter
Gillingham W E 330 King Street Hammersmith N	Newfoundland	Hunlike Henry Cowbridge Malmesbury Wilts	Beagles
Glyn M S E D The Hague Hanworth Road Hounslow Middle	Irish Greyhound	Iving S Marshall Eardswick Hall Middlewich	Greyhound
Gmapitz Mrs V Glandon Hall Kettering Yorks	Cairn Terrier	Cheshire	
Gore M S E 101 Dorset Villas Westbury on Trym Bristol Glos	Cairn Terrier	James Mrs E L Eustace Heritage House Warley	Buildog
Gothard Guy 7 Rav Street Huddersfield Yorks	Engl sh Setter	Essex	
Grain P B Great Shelford Cambs	Bull Terrier	Jamies H L Abbotts Norton Worcester	Golden Retriever
Gravebrook Mrs J M Stourton Castle near Stourbridge Worcs	Buildog	Jervoe Major & Mrs Herr and Park Basnigtoke	Labrador
Green W S The First Hedge End Nr Southampton Hants	Irish Terrier	Hants	
Green S Norton Park Ltd Green Norton Towcester Northants	Alsatian	Johnson Robert Bank House Longton Nr Preston	Spaniel
Greenwood Guy P H Ilceest Colne Lancashire	Massiff	Lancs	
Greenwood Jonas White Hole Farm Wadsworth Yorks	Sheep	Johnstone Mrs A Rosemount Bobbing Nr	Cairn Terrier
Grey Miss M L Flodden Edge Cornhill-on-Tweed Northumberland	Bull Terrier	Johnstone Dr J W Hurst View Bodenham	Buildog
Griff The Hon Mrs E D The Lodge Kentford Suff	Golden Retriever	Herefordshire	
Guardians Institution Hole Road Farnham Surrey	Sealyham	Jones H C Downfold Mayfield Sussex	Newfoundland
Hale M C The Knoll Claydon Suffolk	Greyhound	Jones J P Gwalu Hangnong Nr Oswestry Salop	Collie
Hanson H 921a Waterloo Rd Highton Manchester	Spaniel	Lancs	
Hardisty Charles 11 Ashfield Place Otley Yorks	Collie	Kaye W Beechwood Cherry Tree Nr Blackm	Newfoundland
Hardy Capt H F H Feltwell Lodge Feltwell Norfolk	Golden Retriever	Lancs	
Hartland Rowe Capt R C Glyndebourne Farm Houghton Ringers Nr Lowest Suffolk	Irish Wolfhound	Kearns Miss M S 21 Denmark Villas Hove	Irish Wolfhound
Hartwell J T 71 Knolltop Road Streatham H N S W	Chinese Chow	Brighton Sussex	
Hastings M S O Chastleton Ulster Moreton in Marsh Glos	Airedoond	Leighing Harry 109 Colmore Row Birmingham War	Newfoundland
Hayter C H Twiford Pembroke Herefordshire (ff)	Welsh Terrier	Newbury Wilt	Golden Retriever
Hayton Mark Clifton Otley Yorks	Spaniel	Kearworthy Mrs R W Castle Wona Sarcott	Golden Retriever
Heard Mrs New Tree Cottage Weald Sevenoaks Kent	Schipperke	Nr Leeds Yorks	
Heathcote J S Bannside B shop Road St Helens Lancashire	Buildog	Kilburn Scott Mrs The Samoyel Kennels Farm ng	Samoyed
Hearn John S The Sagg O terburn Newcastle-on-Tyne	Collie	Kent	
Hennery Mrs V Sess Cissbury Ascot Berks	Kerry Blue	Kilburn Major H Bury Wooddown Marhamchurch	Wire Fox Terrier
Henneman M S K 1 S 1 Masey Road London S E 6	Newfoundland	Buck Cornwall	
Hesel ne M L Hawke H N H Lunden Wilt	Cairn Terrier	Knox W Raikes Hall Sliden Nr Keighley Yorks	Irish Wolfhound
Hesel ne J G Godfrey The Hill H Lunden Wilt	Irish Wolfhound	Lane The Hon Mrs & Miss Nea House Somerby	Greyhound
Hill Mrs Mrs Jamieson Westley House Wimbome Dorset	Spaniel	Essex	
		Lester Mrs Lanarth Kennels Holers Hill Rd N W 4	Wire haired Terrier
		Leighing Harry 109 Colmore Row Birmingham War	Newfoundland
		Lewis Mrs Henry Cornwell Priory Flimwell	Irish Wolfhound
		Hawthorn Kent	
		Lewis Mrs Macnamara Cornwell Priory Flimwell	Wolfhound
		Leys Mr Leonard Bart Lazonby Hall Cumberland (ff)	Poodle
		Langwood Mrs Cherry Orchard Kennels Staines	Welsh Terrier
		Mddlesex	Wire Fox
		Lindsay W H The Mallory House Cambridge	Yorkshire
		Little Miss R C The Harrow & Tawkenham Mx	Newfoundland I
		Lavers Isaac Newfoundland Kennels Tylshley	Newfoundland I
		Lancs	
		Lloyd H S The Herfordshire Kennels Russel P Mx	Spaniel
		Lloyd H S Swallow Farm 1 Arnam M S W	Cocker Spaniel
		Lockhart Mrs H H 111 Hart Road Rugby Wans	Irish Wolfhound
		Longworth E A Calverley Cally Chark nr	Irish Setter
		Lorne N A The Cottage Sandown Park 1 Sher Stry	Irish Terrier (Wire)
		Lower F C Bolling Place Nr Stoughton Hants	Engl sh Setter
		MacCann H Wood 136 Upper Charlton Road	Newfoundland I
		Kent	

Name and Address	Breed	Name and Address	Breed
William Archd, Oakridge, Moffat, Dumfries (c)	Pekinese	Robson, Mrs Bendochy, Port Patrick, Wigtownshire	Cairn Terrier
Moncrieff Horsburgh, A., Blairquhous, Blainfield	Cairn Terrier	Ross Errington Junr, Castle Heather, Inverness (c/f)	Cairn Terrier
Stirlingshire		Ross W., Maylea, Monkton, Ayrshire	Cairn Terrier
Moon, Mrs L. H., Lochburn Elie Fife	English Setter	Rottenburg, F. A., Lochlane, Cniff, Perth (c/f)	Spaniel
Moses, Wm., Carnknowe, Newton Meams Renfrew	Cairn Terrier	Saunders, J. G., Farnburn, Dyce Aberdeen	Labrador
Muir D. H., Hilda Hill, Berwick-on-Tweed	Bulldog	Sharpe, Isaac, Ingelwood North, Banffshire	Shetland Sheep
Munro, Major, of Allan I earn Ross shire	Cairn Terrier	Shearer, Alex., Lily Cottage Stenhousemuir, Larbert, Stirlingshire	Cairn Terrier
Murdoch Miss, "Craigmore," Blainfield Stirlingshire	Skye Terrier	Swanson George P. Springbank, Haddington E Lothian	Working Collie
Murray Ben Farden Malloch Sanguhar Dumfriesshire	Working Collie	Tool Mrs, Gierwood Corstorphine Ed burgh	Shetland Sheepdog
Murray Balfour Miss E., "Cally," Gate House of Fleet, Kirkcubrightshire	Golden Retriever	Trail, Capt J. C. M. C. Castlehill, Thurso Caithness	Cairn Terrier
Philips C. A., J. P., Dalwood, Castle Douglas, Kirkcubright	Spaniel	Trotter, A. L., Dalshangan Lodge, Dalry, Kirkcubrightshire	Spaniel
Reid James A. International Sheep-Dog Society 28, Anderson St. Aldine	Working Sheepdog	Wallace, Wm., Fingland, Dalry, Ayrshire (c)	
Reoch Mrs E. W. R., Bilgersho Couper Angus, Perth shire	Cairn Terrier	Watson, Richard Crawford, Wheeland Drive, Lanark	Cairn Terrier
Robertson, Jan S. Linkwood Elgin Morayshire (c/f)	Greyhound	Wilson James M., Holmshaw Moffat Dumfriesshire	Cairn Terrier

WALES

Name and Address	Breed	Name and Address	Breed
Bar G. H. Bron Vardre Deganwy Llandudno Junction	Welsh Terrier	Howells Mrs B. J. Gloyne, Narberth, Pembro (c/f)	Sealyham
Bartle, C. C. Mostyn Street Llandudno Carnarvonshire	Welsh Terrier	Hughes Wm., Compton House Llanwrst, Denbighshire	Welsh Terrier
Brady W. H. Glyn y Goed Penmaenmawr Carnarvonshire	Welsh Terrier	Jarrett E. Jones, Plasynfaerdref, Corwen, Merioneth shire	Collie
Briggs Capt G. Monachty Cilau Aconr Cardiganshire	Cairn Terrier	Jones E. J. Liberal Club Llandudno, Carnarvonshire	Welsh Terrier
Br Wm. Dr. Alan Tuberculosis Hospital, Glyn Eley Tynwater Cardiff	Newfoundland	Knight J. M., Conduitt Millford Haven Pembrokeshire	Bulldog
Curt E. G. Lonlon Hotel, Mostyn Street Llandudno Carnarvonshire	Welsh Terrier	Lewis, W. H., Gwernaffel, Broughton Radnorshire (c/f)	Sheep
Davies Hugh Dorvil Street Blaenau Ffestiniog Merioneth	Welsh Terrier	Lucas Owen Borough Hospital, Bangor, Carnarvon	Welsh Terrier
Davies Llew Woodlands Llanybyther Carmarthen shire	Corgis	Lloyd, W. Thomas, Mabws Hall, Llanrhystyd Cardiganshire	Welsh Sheep
Davis P. Wm. Lt Col J. H. R. Artillery House Tynar Cardiff	Spaniel	Morgan Tom & Elm Grove, Aberdare Glam	Welsh Terrier
Dawkins J. G. Mostyn Street Llandudno Carnarvonshire	Welsh Terrier	MOSTYN, THE HON E. LLOYD, Pentrefellynnon Holywell, Flintshire	Welsh Terrier
Ldu Mrs D. Tanyllwyn Penruch Tregaron S.O. Laml	Welsh Corgis	Pritchard John Eiseau Canol, Litchfaen, Nc Pwllheli, Carnarvonshire	Welsh Sheep
Evans John Tynwedd Henchvad Conway Carnarvon shire	Welsh Springer Spaniel	Richards R. J., Gilestone, Talybont-on Lsk, Brecon	Collie
Fletcher Mrs. Bronwylla St Asaph N. Wales	Welsh Terrier	Roberts T. J., Brynaglywys, Corwen Merioneth	Collie
Harris A. E. I. Cathedral Road Cardiff	Welsh Terrier	Saunders, John 28 Court Road, Wrexham Denbigh	Welsh Terrier
Hitchings J. F. Terrier Kennels Cwmaman Nr Aberdare	Welsh Terrier	Terry, Miss E. L., Ffwd, Rhosneiger Isle of Anglesa	Irish Setter
		Vass A., Glasfarn Stores, Gylfin, Conway, Carnarvonshire	Engl sh
		Whittaker Capt Pen J. Bryn, Portmadoc, Carnarvonshire	Welsh Terrier

IRELAND

Name and Address	Breed	Name and Address	Breed
Corran Dr W. 138 North Strand Dublin I F S	Irish Wolfhound	Malahide Lady Talbot de, Malahide Castle, Co Dublin	Irish Wolfhound
Dawson Dr W. J. P., Newtownhamilton Co Armagh	Spaniel	Parsell, H. K., Beverston, Dundrum Co Dublin	Irish Wolfhound
Donne Mrs R., Wells Gorey Co Wexford, I F S	Greyhound	Smith Lt Col E. St G. Duleck House, Duleck Co Meath I F S.	Sealyham
Fagan C. W., Gartlandstown, Crookedwood, Co Westmeath I F S	Greyhound	Walsh Mrs J. J., Mountrath, Foxrock Co Dublin	Irish Wolfhound
Gre Wm J. Barnhill Dalkey Co Dublin I F S (c/f)	W Highland White Terrier	Ward J. F., Lismoye, Fally William, Donaghadee, Co Down	Irish Wolfhound
Louches Misses M. F. & H. M. Rossini Londonderry	Terrier	Workman, Major W. E. H., J. P., Carrowdore Castle Donaghadee, Co Down (c/f)	Mastiff

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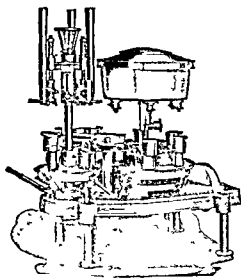
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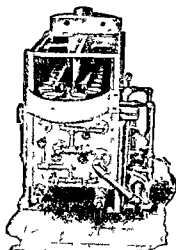
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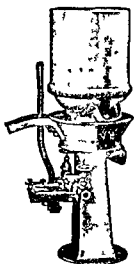


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Notes on Dairy Equipment and Clean Milk Production.

Over-estimation of the value of a thoroughly clean supply of pure milk is impossible, and since milk is largely consumed by children and invalids it is obvious that anything approaching a contaminated or impure supply is a very real danger.

There has been much legislation on this subject in recent years and much attention given by medical and other authorities, and it may be stated without fear of contradiction that there is no worthy substitute for clean, fresh and rich milk. It is a very unfortunate fact that the consuming public pays insufficient regard to the quality of the milk they buy, and the conditions under which it is produced their sole concern apparently being the amount it costs.

There are many grades into which milk is classified to-day, but it is imperative that the consumer should not be satisfied with any milk delivery which bears any lower designation than 'Grade A', and the conditions which publicly sold milk must fulfil to come under this category may here be enumerated. Thus 'Grade A' must (1) be up to standard with regard to the percentage in fat and solids not fat (2) the bacteria count must not exceed 200,000 bacteria per cubic centimeter, and must not contain any coliform bacillus in 100th cubic centimeter, and it must be sold in sealed bottles.

To produce 'Grade A' milk is not so difficult as may be at first imagined. Strict care to detail and unflinching cleanliness are, however, essential. Constant and strict attention to the health of the herd is of primary importance, and a periodical examination should be undertaken by the Veterinary Officer appointed by the Local Authority. Well lit and roomy cow houses are a necessity, and the floor must be kept clean and free from dirt and dust, while a very thorough disinfecting at least once a week is absolutely indispensable. Prior to the cows being milked their hind quarters, udders and tails must be brushed and wiped with a clean rag, and, of course, during the winter months when the cattle spend most of the day in the cow house, even stricter and more thorough attention must be given to the process of cleaning.

The milker must be instructed to adopt, and maintain cleanly habits, and it is necessary that he should perform the milking operation in the manner known as 'dry' milking. White overalls besides adding to a pleasant appearance of the milker and stimulating pride in his general personal appearance also contribute to make the milking and its production more attractive. Pails constructed with only a small aperture are a safeguard in keeping the bacteria count low, and the milk must never be allowed to stand in the cow house in an open pail and, as soon as it is drawn from the cow, it should be removed from the stable. The first-drawn milk should always be

discarded as containing a large number of bacteria which have gained access to the milk through the opening of the teat. If all such care and attention is always paid to the daily milkings, obviously the production of 'Grade A' milk is within the reach of every Dairy Farmer. Tubercular-tested 'Grade A' milk, of course, involves larger responsibility on the part of the producer and entails a larger expense, but it is fairly obvious that when the milk consuming public realise the enormous advantages accruing from a pure milk supply, nobody will be satisfied with any milk that cannot be so classified.

To grade milk on a bacterial basis is now a practical proposition, and as the Ministry of Health have recently fixed 'Bacterial Standards' for what is designated as certified 'Grade A' milk, there should be no difficulty as far as the Dairy Farmer is concerned to organise the production of such milk. The chief difficulty, however, is not connected with the actual production but rather of a financial nature, inasmuch as the demand for milk of the higher-priced Grades is still very limited—as a point of fact many a Farmer who has obtained licence for graded milk is finding it very difficult, in some Districts almost impossible, to obtain a regular market for his higher-priced quality milk. The time will certainly arrive when the public all over the World will demand 'Grade A' milk and it is only a question of propaganda among the public. This has been proved in various countries, such as the United States of America, New Zealand, Tasmania and Australia, and recently in Buckinghamshire where the United Dairies have adopted a Scheme for granting cash bonuses to Farmers who produce milk which can be graded above a certain standard of quality and cleanliness, the idea being the awarding of marks for the least number of bacteria present in milk and for the absence of coliform or lactose. In accordance with this scheme, 10% of the suppliers of milk who make the highest score each month receive a bonus of one penny per gallon, while the next 15% of suppliers receive a bonus of one half-penny per gallon, whereby one Farmer in every four will receive a bonus for clean milk. Thus the butter-fat bonus is one tenth of a penny for every one-tenth of 1% above 3.50.

The only method worth adopting for thoroughly cleansing receptacles for milk is the process of sterilising. In any Dairy a steam boiler is an indispensable necessity, and surely very little trouble is incurred by arranging for a steam pipe over which the milking pails and other receptacles can be placed.

To the Farmer and the Dairyman alike good cleansing materials for daily use are indispensable. While there are many such materials offered in the general market, care should be exercised in purchasing them.

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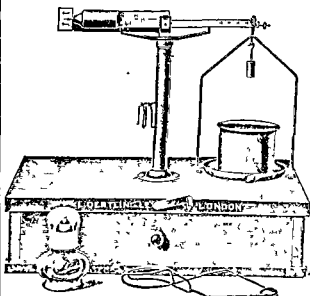
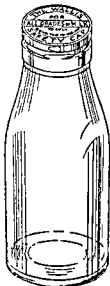
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The Dairy Farmer who goes in for "Grade A" milk production would be well advised to make use of the opportunities offering him nowadays to study modern dairy equipment at the Show Rooms of such Commercial Firms which specialise in this particular branch of machinery, while he would certainly add to his up-to-date knowledge through inspection of some well-known, well equipped Dairy Farmers' cow stables and dairies.

An extensive tour of dairies, both large and small, reveals the tremendous advance and improvement that has taken place during the past few years in the methods employed in the production and distribution of milk. The glass bottle has practically superseded the antiquated and unhygienic tin container, the smallest dairy running their bottle washer and their bottle filler, and among them a goodly number of automatic machines.

A rotary bottle washing machine much in favour can be—and is usually—operated by a lad, the bottles being handled at a rate of 25 a minute, a thoroughly clean and sparkling bottle being produced. While it is not claimed by this particular machine to sterilize the bottle, the result of many tests have shown that the bottles are positively sterile. Thus this machine is capable of greater efficiency than is claimed for it. Dairy men using it find they can complete their bottle washing operations in a minimum of time, and risk of the milk souring owing to unclean bottles is totally eliminated. Another important feature in its favour is that it requires very little space and thus overhead charges are lowered, while the price is well within the reach of every dairyman.

It requires only two horse-power to operate, off shafting or an independent electric motor, and a boiler evaporating 100 lbs per hour when starting up, and a steam pressure of 20-30 lbs when working, so that the running costs are extremely low. In operation it is simplicity itself, the bottle is placed in the conveyor cup and is immediately rinsed with cold water removing all loose milk to prevent contamination of the washing solution. The bottle then passes to the washing compartment and is subjected to a high pressure solution washer at a temperature of 120-130 degrees Fahr, the solution reaching every part of the bottle inside and outside. The bottle now passes into a steam box, to drain off solution, and to pre heat, prior to its passing into the hot water rinsing compartment where again it is subjected to a high pressure rinse at a temperature of 170-180 degrees Fahr. Finally the bottle passes through the steaming compartment where the steam is jetted into the bottle at a pressure of 20-30 lbs per square inch. The bottle is then removed from the machine and allowed to cool before filling with milk.

There are many excellent bottle filling machines on the market, one automatic filling and capping machine—of which there are three types, all of a double rotary action—is widely used. The smaller

of these filling machines is ideal for the small or medium sized dairy, the output of filling and capping the milk bottles ranged from 1,440 to 1,800 quarts an hour, and from 1,920 to 2,400 pints or half-pints an hour. In operation the machine is extremely simple. It is necessary only to set the machine for the size of bottle to be filled and capped, start up, and feed the bottles into the machine, the bottle being carried under the lifting filler valve. After the bottle is filled it is transferred to the capping device, and is capped automatically and finally pushed off on to a collecting table ready for packing into cases. This machine appears to be most sanitary for bottling milk. It is so designed that the milk is contained in a large bowl into which the filler valves are fitted. The bowl is most sanitary, being finished in white vitrified porcelain inside and outside, so that there is an absolutely smooth surface, easy to clean and with no seams or corners in which dirt could accumulate. The valves are most unique, perfectly sanitary, easy to dissemble and made of a sanitary metal and nickelled. The gearing is perfect, being totally enclosed and immersed in oil. The housing is waterproof, there are two speeds and a neutral on the change and it is easy to run. The machine is easy to clean, operators can wash it by turning a hose on and afterwards steaming it. The upkeep is negligible, and running costs extremely light. It requires only $\frac{1}{2}$ -h p to operate, either from shafting or a motor directly on the machine. It is fool proof, fills the bottles accurately without waste of milk. The capping device is excellent and as there is a dry cap there is no splashing of milk when the cap is inserted into the bottle.

While the production of perfectly safe, good, and suitable milk of the "Grade A" quality primary rests with the Dairy Farmer, it should not be overlooked that a certain degree of responsibility also rests with the Housewife who not inconsiderably can, and should, assist the milk producer in his efforts to cater for the general public. The Housewife who always has her family's health and interest at heart should unceasingly insist on the milk being delivered in properly cleaned well-capped glass bottles of a neat and appetising appearance, but once received in her kitchen she should personally, or through supervising her servants, exercise the necessary care without which even the very best milk may soon be contaminated and deprived of much of its nourishing value. Thus glass bottles containing milk should be kept in a cool, clean and well-aired larder until used, and it is strongly to recommend that the unsavoury habit in vogue in so many households, to place the empty, uncapped bottles in house passages, or even outside the house, exposed to dust and animals should be strictly discarded.

FOR SUPPLIERS OF DAIRY EQUIPMENT see

page facing inside front cover, facing title page, also pp. 11, xxv., 4, 84 and 85

WATER! SEE PAGE IV.

Intensive Treatment of Grassland.

By A. B. BRUCE, M.A. Dip Agri (Cantab)

For some years past wide publicity has been given to what its promoters term a "new" system of grass land management. Many trials of the new methods have taken place all over the country, and there can now be few farmers who are not familiar with the main principles of the system. The claim that so much can be accomplished by the use of nitrogenous manures is naturally open to criticism when it comes, as it does, from persons connected with the manufacture of fertilizers. Moreover, many have been taught to believe that the use of such fertilizers on grass land is harmful. But any doubts on this score have, we think, been set at rest by a report which has just been issued by the Ministry of Agriculture. In the October number of the official Journal an article by Sir Daniel Hall and Mr. J. C. Stewart appears, based upon an examination of the many trials of the new system which have recently been made. The main technical question at issue has been settled beyond all possibility of doubt. Skillfully used, nitrogenous fertilizers, even in quantity, do no harm to pasture land. On the contrary, their use results in providing, not only more grazing, but also grass of much improved feeding quality. In the words

of the Ministry's experts, "The Ministry is satisfied that the main principle of the use of successive nitrogenous dressings of grass land is sound, and that thereby a considerable increase of production can profitably be obtained." Of all the features of the system noticed by the reporting officers none is better calculated to appeal to the practical man than its success in lengthening the pasture period at both ends; grazing can be started earlier, generally in February, and it lasts longer, well into October. Practical men need no arguments to convince them that grass is at its highest value when the first flush comes in spring. The official report makes it clear that by the proper use of fertilizers a growth of "fresh young leafy grass" can be produced successively all through the season, thus providing stock with a herbage of high feeding value in every way equal to that of the first spring growth. The trials show that in most cases the value of the pasture can be increased at least two-fold at quite an inconsiderable expenditure, and under existing economic conditions farmers will welcome any means of adding to the profits of grass land husbandry.

Potash for Grassland.

By G. A. COWIE, M.A., B.Sc., F.I.C.

The value of Potash for grassland is based on the fact that it is one of the essential minerals on which the growth of clovers and the finer grasses depend. The other essential mineral is phosphates, and the general evidence shows that the combined dressing of phosphates and potash is the most reliable basal treatment for poor grassland. This applies to cases both where it is desired to improve grass on an extensive scale, and also grass which is to be treated in addition with nitrogenous fertilizers for the purpose of more intensive grazing.

An important effect of potash on pastures is that it often makes rough grass more palatable to stock and causes it to be eaten down much more than it would otherwise be. Some striking effects of potash in producing closer grazing have been observed. It is really interesting to note how in many cases a half acre plot treated with potash in the middle of a 20 acre field is discovered by the stock and it is grazed down more closely than the rest of the field. What potash imparts to the herbage to make it more palatable is not known with certainty. It has been presumed that the addition of potash makes the grass more leafy and less stalky, and thus affords a better and more nutritious bite to the stock.

The best time for applying Potash Fertilisers to grassland is the Autumn, because the applications at this time produce the better results the following season. It takes some time for potash fertilisers to get washed down into the soil where the potash becomes

available to the plants. There is no risk of any material loss of potash by early application, because potash is held in the soil through absorption by some of the clay constituents. Although it is absorbed by the soil so that it is not washed out by drainage water, it is still in such a form that it can be rendered soluble by the action of the plant roots.

The most economical potash fertiliser to use for grassland improvement is the 30% Potash Salts. This potash fertiliser is now being used largely for general purposes, including grassland, and it has given very satisfactory results. It is an interesting fact that where 2 cwt per acre has been compared with 4 cwt. per acre, the higher application has in some cases produced a distinctly better result. Thus has been obvious in cases of poor grassland, especially characterised by poor rough herbage. The higher dressing of potash appears in such cases to give the grassland a greater impetus at the start. Incidentally, it is also to be noted that although the higher dressing may mean a large initial outlay, it is equally economical owing to the longer period which it will last. It is understood that potash will only produce its maximum benefit when the soil is sufficiently equipped with phosphates in some form or other. If phosphates have not been applied in the previous year, then a dressing of Ground North African Phosphate or Basic Slag should be applied with it in the Autumn.

Grassland Manuring.

By JOHN THOMPSON, B.Sc., N.D.A.

The precarious state of British agriculture since the war has served to place the subject of grassland in a position of unrivalled importance.

In the past there has been a definite tendency to neglect all phases of grassland management and whilst some attention has been devoted to the aspects of culture, manuring and stocking, the subject as a whole has certainly never received the same careful attention as has arable practice. Naturally, therefore, the knowledge which has been accumulated up to the present time is somewhat limited and has penetrated but slowly to the average farmer.

It cannot, of course, be claimed that any special treatment by manures is capable of replacing the conditions provided by careful stocking and by cultivation, and the importance of aeration and the effects of sun and light on swards must not be overlooked if fertilizers are to be expected to produce their full effect.

Providing, however, reasonable attention is otherwise being given to the land there remains no question whatever as to whether or not increased yields will result from the correct application of fertilizers.

Until recently, phosphates were relied upon to improve the quality of permanent pasture—mainly by stimulating wild white clovers. It is now known, however, that herbage plants are also limited in their growth by a shortage of nitrates and potash in much the same manner as are arable crops.

The importance of a sufficient supply of nitrates has, during the past few years, been emphasised and heavy nitrogenous dressings, along with rotational grazing, have been shown to be economic under average conditions, this treatment is, indeed, being adopted at the present time by many progressive farmers in the leading agricultural countries of Europe.

A feature which must always be considered if we are to maintain our high grazing standard is the production of sweet herbage which is not only readily palatable to stock, but which also assists in promoting their vigorous and healthy growth. In this connection, there is little doubt that much more could be achieved by the increased use of neutral or basic fertilizers: their influence on the soil being almost always ameliorative.

Are YOU using CYANAMIDE to improve your pastures?

Here are ways in which it can help you
to improve your production
and reduce its cost.

Cyanamide nitrogen is steady and sustained in action and maintains its effect throughout the long period of growth.

Cyanamide contains 60% of active lime which encourages the development of clovers, and maintains the grass in good condition.

Cyanamide may be applied in winter without risk of drainage losses. It then provides a valuable "early bite" in the Spring.

CYANAMIDE (19% nitrogen, about 60% lime) is lower in price both per unit and per ton than any other nitrogenous fertilizer. Its lime costs you nothing.

The
following letter
reflects the experience of many
others in the use of Cyanamide for grassland.

25 8 27

Last Autumn I gave an extensive trial to Calcium Cyanamide on grassland, dressing 40 acres at the rate of 1 cwt per acre. As a result of this dressing, together with a dressing of phosphate and potash, I was able to turn the cattle out much earlier than previously and the stock carrying capacity of the land greatly increased. We were never short of keep through all the Summer and the quality of the herbage has been greatly improved, in fact the development of the clovers is most pronounced.

I am so satisfied with the results given by Autumn application that I intend dressing a further acreage again this Autumn.

(Signed) J C WOOTTON

Newton-le-Willows, Lancs

For full information regarding this fertilizer write to—

The Manager,
Agricultural Division,
FERTILIZER SALES, LIMITED
Adelaide House, - - - London,

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112, Fenchurch St., London, E.C.3.

The Sheep Stomach-worm.

By L E ROBINSON, Ph D (Cantab), A R C Sc (Lond), Chief Biologist of the Cooper Technical Bureau, London

The sheep Stomach worm (*Haemonchus contortus*) is one of the commonest parasites of sheep and goats and is the cause of more losses among these animals than any other internal parasite. It is often termed the Wire worm or Hair-worm, but, as the name "Wire worm" has been generally applied to certain agricultural pests, to avoid confusion the former term is to be preferred.

The parasite infests the fourth stomach (abomasum) of its host and subsists on the blood which it abstracts from the inner lining of the stomach wall. When present in considerable numbers the worms may be the cause of a severe debility in the host, particularly in young animals partly on account of the loss of blood and the interference with nutrition which their presence must involve, but, in all probability, their harmfulness may be attributed also to a poison or toxin which they excrete and which is absorbed by the host. Moreover, the injuries produced by the parasite afford an opportunity for the entry of harmful bacteria an instance of which is the disease known as "Lombrix" in the Argentine Republic.

FIRST SIGNS OF INFECTION—The first signs of stomach worm infection in a flock are often indefinite. The infested animals, particularly the lambs, appear less lively than usual, and although the appetite is good, they do not thrive. As the effects of the infection develop signs of anæmia (poorness of blood) make their appearance. The visible mucous membranes, such as the inner linings of the eyelids, the lips and the gums, become pale. Finally a dropsical swelling under the lower jaw and about the throat may be generally observed. The droppings may show a normal appearance in the early stages of the disease, but in the latter stages they tend to become dark coloured and fluid, and are voided with obvious "colicky" pain. In untreated cases, deaths occur rapidly, especially amongst the lambs, as soon as definite symptoms have developed. At times fat lambs will die suddenly without having presented any noticeable symptoms of infection.

DIAGNOSIS—The easiest and perhaps the most certain method of ascertaining whether a sheep is infected is to procure some fresh droppings from the animal. These are placed in a corked or stoppered clean glass jar covering the bottom to a depth of $\frac{1}{2}$ —1 of an inc. A dessert spoonful of water should be added if the droppings are dry, and the jar should then be put in a dark place, a cupboard for instance, for a period of four days and then examined from day to day.

If infection is present, the walls of the jar will soon show a fine whitish marbling consisting of straggling clusters of mature larvae which have hatched out from the eggs in the droppings, and have migrated up the sides of the jar. If too much water is added, the droppings may become sour and the larvae will die, but sufficient moisture must be present to form a dew-like deposit on the walls of the closed jar after it

has been standing for a few hours at room temperature.

An ordinary pocket lens is sufficiently powerful to enable the observer to assure himself that the whitish streaks and clusters are actually comprised of the minute larval worms.

DESCRIPTION—The adult worms are small, and thread-like in form, the females measuring from $\frac{1}{2}$ in to $1\frac{1}{2}$ in, and the males from $\frac{1}{2}$ in to $\frac{3}{4}$ in in length. Apart from their larger size the female worms are readily distinguished by the fact that the extremities of the body are pointed, while in the male the hinder extremity is furnished with a membranous two-lobed expansion termed the bursa or caudal pouch.

The specific name "contortus" meaning "twisted" is derived from the appearance of the mature female worm in which the elongate opaque white tubes of the egg gland or ovary are twisted in a spiral manner round the reddish brown intestine, so as to resemble the ornamentation of a barber's pole.

LIFE HISTORY—The Sheep Stomach-Worm passes through two distinct phases in its life-cycle, the one in a free living non-parasitic state, the other as an obligatory parasite within the stomach of the host. It belongs, therefore, to the category of periodical parasites.

The complete life of the adult worm is passed in the parasitic phase. Pairing of the sexes takes place in the stomach of the sheep, and in due course the females lay innumerable microscopic eggs which pass through the intestine and reach the ground with the droppings of the sheep. Under normal conditions, hatching of the eggs take place within 24 hours after reaching the ground, the development of the embryo worm having proceeded to a considerable extent before the egg escapes from the body of the host. The Larval worm which issues from the egg passes through four distinct stages which can be recognised by slight but distinct differences in form. The first two larval stages are non parasitic. The third larval stage is the infective stage, and these larvae crawl up the grass blades and are readily swallowed by the sheep. The fourth larval stage is parasitic.

TREATMENT—Many remedies are recommended for the treatment of Stomach worm infestation in sheep, and, of these, several will give more or less satisfactory results. Copper sulphate (bluestone), Cooper's Powder Dip, Lysol, Gasoline, Picric Acid, and other substances have been, and are still advocated by different authorities, but it is now known thanks to the painstaking investigations on this subject by Dr F. Veglia whilst a veterinary Research Officer to the Union Government of South Africa that none of these remedies, used singly, can be relied upon to give a successful result, when used at a strength comparable with safety to the sheep.

The best possible results are obtained by dosage with tablets compounded upon the formula of Dr Veglia. Such tablets afford a safe, rapid and effective means of treatment.

BRITISH BREEDERS.

ILLUSTRATED ANNOUNCEMENTS.

Pages 92—107.

See also pages 459, 545, 744, 746, 748 & 753.

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Según el Smithfield Club de Londres, el ganado HEREFORD esta por
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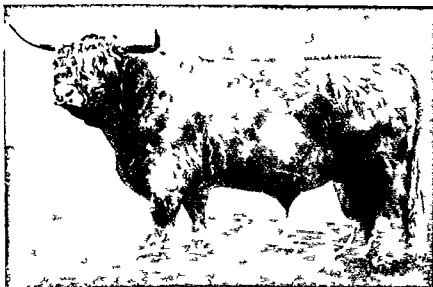
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demand by
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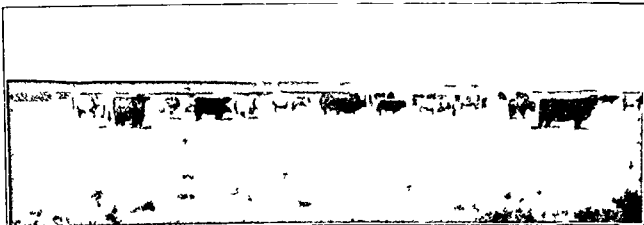
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The "Eaglesfield Herd" Pedigree Dairy Shorthorns

(Established about 15 years ago)

The Property of G. P. GOLDEN, Leire, Rugby.



LADY DOREEN 4th 13301 Dam 'Dorcas' bred at Eaglesfield Winner of many prizes and dam of two First prize Silver Medal Winners 1927 (Milk average 10 692 lbs for 2 lactation periods)

During the year 1927 28 the following Awards have been obtained
Over 80 First and Second Prizes, including First Second Third and Fourth in four different classes Royal Show Newport
6 Champion and Reserve Championships (twice Champion)
8 Challenge Cups (over all breeds)
13 Silver Medals offered by the Shorthorn Society and British Dairy Farmers Association

All the above awards were obtained with the animals (with one exception) bred in the herd and by home-bred sires
LINE BREEDING—For the past 11 years this herd has been built upon a definite plan of Line Breeding to what is considered the ideal dairy type and to-day the Eaglesfield Cattle comprise a herd of distinct type and more than just an assembly of good animals

Sale May 24th 1928—17 bulls averaged £167 each—highest price 1 000 gns. for Lord Leicester 71st (2 years old) to Lord Daresbury



LADY DOREEN Dam Dorcas Milk average 9 363 lbs with 8 calves She is dam and gran dam of two in Royal Wynn group and also of Lady Doreen 16th winner two F.R.S. Royal Counties 1917 also dam of stock bull Lord Leicester 2nd 1907

DORCAS AND DARLINGTON CRANFORD 5th—The blood of the great breeding cow Dorcas the dam of more winners (deep milking winners) than any Dairy Shorthorn on record combined with that of the famous Darlington Cranford 5th (winner of 19 prizes with milk average of 12 558 lbs with eight calves and whose three sons names occur in the pedigree of over 100 cows, with records over 1 000 gallons) form the Warp and Woof of the herd and practically every animal carries their blood in a greater or a lesser degree From Dorcas springs the entire Doreen family the most distinguished family in the herd Dorcas was got by Conjuror 9110 Darlington Cranford 5th a most famous son whose name occurs in the pedigree of more than 70 cows with records of over 1 000 gallons

DEVON CATTLE

RACE RENOMME pour
Sa viande de tout premier
choix.

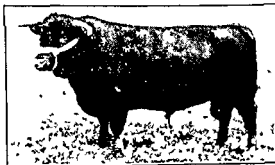
Sa très grande précocité
pour des frais d'entretien
très bas

Son lait de toute première
qualité, très riche en
matières grasses pour le
beurre.

Son immunité de la tuber-
culose

Et sa taille admirablement
adaptée à la prairie et à
l'engrais

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Su desarrollo rápido a
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miento,

Su leche de óptima calidad
y alto porcentaje de grasa
de manteca,

Su inmunidad a la tuber-
culosis,

Su extraordinaria facilidad
para adaptarse a las prader-
ías y ganados

Dirija sus consultas al
Secretario (según se indica
al pie), el cual suministrará
todos los informes y enviará
gratis un folleto ilustrado

A. E. GERRARD, F.A.I., Wiveliscombe, Somerset, England.

The ANDERSON HERD of Pedigree DAIRY SHORTHORNS

The property of ROBERT N TORY, Anderson, Blandford, Dorset

Stock Bull:—

**ANDERSON CHAMPION
BATES 186667.**

Winner of many prizes including —

1st Prize and Champion

Male, R.A.S.E. Show,

Reading, 1926,

**and Numerous other
Prizes.**



ANDERSON CHAMPION BATES 186667

Sire — Kelmscott Conjuror 3rd 187889
Won 1st & Champion R.A.S.E. 1901
His Sire Kelmscott Acrobat 4th
Won 1st & Champion R.A.S.E. 1916
and was out of Spotless 31st who
won 1st & Res. Champion R.A.S.E.
1914 and gave — 10 650j lbs of milk
with 1st calf and averaged 10 500
lbs of milk in 5 lactations His
Dan Helpmate 15th won — 1st
Prize 1916 and 2nd R.A.S.F.
Shows 1914 and gave — 9 090j lbs
of milk with 1st calf

Dam — Damory Kirklevington 5th.
Gave 17 16j lbs of milk in 314
days with 1st calf. Averaged
13 72 lbs of milk with six con-
secutive lactations
See Photo graph and particulars

Damory Kirklevington 5th won 1st Prize in Milk & Yield Class Yeovil Show 1923
against all breeds when 14 years old. Only time shown. Now in her 19th year
and still breeding and milking well. She has produced 16 calves and given —

10 158 lbs of milk in 1919 20	
10 064	1920 21
13 52"	1921 22
15 239	1922 23
14 280	1923 24
15 623	1924 25
17 16j	341 days with her 13th calf

She is the dam of Anderson Process Bates 186742 a prize winner at the London
Dairy Show 1922 and sold to Messrs. Robinson of Hants Green at whose disposal
32 of his progeny averaged 114 gals each

Also Dam of Anderson Champion Bates 186587 See Photograph above



DAMORY KIRKLEVINGTON 5th Vol 56 p 1190

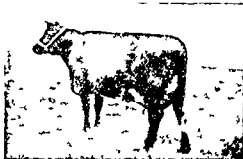
THE HERD CONSISTS CHIEFLY OF BATES FAMILIES

Including Kirklevingtons Thorndale Bells Darlington Barnington Duchess Red Rose Furbelows Waterloos and Wild Eyes. Also other
families of typical Dual Purpose Dairy Cattle in including Lady Hobbs Solo Cranford Melody and Messrs Hobbs noted Melody and Syle Tribes
The HERD MILK AVERAGE for the five years 1921 1926 is 9,212j lbs

During the past 5 years over FIVE HUNDRED PRIZES have been won
1st & Champion Male R.A.S.F. Show Darlington 1920 1st and Champion Male R.A.S.E. Show Derby 1921 1st Prize Bull London Dairy Show 1910 1st & Res. Champion R.A.S.E. Show Cambridge 1911 1st Prize Bull R.A.S.E. Show Newmarket 1913 1st Prize Bull London Dairy Show 1913 1st & Champion Male Royal County Show Bournemouth 1916 1st & Champion Female Royal County Show Bournemouth 1917 1st & Champion Male R.A.S.F. Show Reading 1920 1st Prize Shorthorn Society Prize Special Wiltshire Challenge Cup & Champion Female Three Counties Show 1911 1st Prize Milk Trials Three Counties Show 1911 Reserve Champion Male R.A.S.F. Show Newport 1911 1st Prize Milk Trials R.A.S.F. Show 1911 1st & Supreme Champion Royal Lancashire Show Bolton 1911 1st & Champion Royal Welsh Show Swansea 1911

Herd Competitions

Won H.M. The King's Cup for the best herd of cattle in the Royal Counties in 1911
1923 and 1926 1st Prize for best Dairy Herd in the Royal Counties in 1911 1923
and 1926 1st and Yeovil Milk Record in Society's Cup in 1921 1924 25
The 1st & 2nd Champion Cows in 1911 and 1923. These are the only occasions
that the above competitions have been competed for by the Anderson Herd



LEE SALOME 2nd Vol. 60 page 654

Cave —

10 36j lbs of milk with 5th calf	
10 1 21	6th
11 1 21	7th
11 2 20	8th
10 2 21	9th
11 0 21	10th

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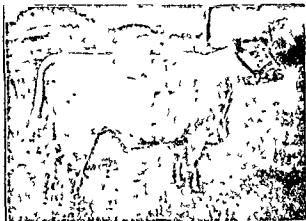
36046 ANDERSON DARLINGTON CRANK
Gave — 4,164j lbs. of milk in 315 days with 1st calf

Address all communications to ROBERT N. TORY, Anderson, Blandford, Dorset.

The "Eaglesfield Herd" Pedigree Dairy Shorthorns

(Established about 15 years ago)

The Property of G. P. GOLDEN, Leire, Rugby.



LADY DOREEN 4th 19301 Dam Dorcas bred at Eaglesfield
Winner of any prizes and 1 dam of two First prize Silver Medal
Winners 1921 Milk average 10 692 lbs for 2 lactation periods)

During the year 1927-28 the following Awards have been obtained
Over 80 First and Second Prizes including First Second Third
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8 Challenge Cups (over all breeds)
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LADY DOREEN Dam Dorcas Milk average 9 363 lbs with 8
calves She is dam and grand dam of two in Royal and 1929
and also of Lady Doreen 16th winner two First Royal Countess
1927 also dam of stock bull Lord Leicester 70th 12 797 lbs

DORCAS and DARLINGTON CRANFORD 5th—The blood of
the great breeding cow Dorcas the dam of more winners (deep
milking winners) than any Dairy Shorthorn on record combined
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the most distinguished family in the herd Dorcas was got by
Conjuror 91 110 Darlington Cranford 5th's most famous son whose
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RACI RINOMMI pour
Sa viande de tout premier
choix

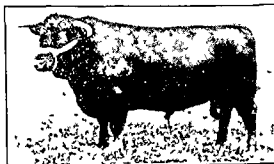
Sa très grande précocité
pour des frais d'entretien
très bas

Son lait de toute première
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Son immunité de la tuber-
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Il est admirablement
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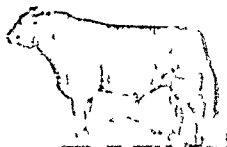
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ANDERSON CHAMPION BATES 186667

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His *Sire* Kelmescott Aerobath 4th.
Won 1st & Champion R.A.S.E. 1916
and was out of Spotless 31st who
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1st prize 11mg and 1st R.A.S.I.
Shows 1914 and gave — 9 090 lbs.
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Dam — Damory Kirklevington 5th.
Gave 17 164 lbs. of milk in 314
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See Photograph and facts

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and still bred when 14 years old. Only time shown now in her 19th year
and still breeding and milking well. She has produced 16 calves and given —

10 1 4	lbs of milk in 1919 00
10 064	1920 21
13 5 9	1921 0
15 0 39	1922 03
14 2 29	1923 01
10 6 3	1924 05
1 16 0	344 days with her 13th calf

She is the dam of Anderson Priceless Bates 186742 a prize winner at the London
Dairy Show 1920 and sold to Messrs. Robinson of Hants Green a whose 2nd special
32 of his progeny are raised in 114 days.

Also Dam of Anderson Champion Bates 186667 *See Photograph*



DAMORY KIRKLEVINGTON 5th Vol 56 p 1190

THE HERD CONSISTS CHIEFLY OF BATES FAMILIES

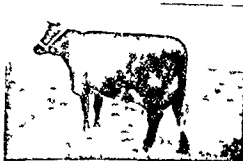
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During the past 5 years or FIVE HUNDRED PRIZES have been won on
1st & Champ on Male R.A.S.I. Show Darlington 1920 1st and Cha p
Male R.A.S.E. Show Derby 1921 1st Prize Bull London Dairy Show 1921
1st & Res. Champ on R.A.S.I. Show Cambridge 1921 1st Prize Bull R.A.S.I.
Show Newmarket 1923 1st prize Bull London Dairy Show 1923 1st & Chan
p on Male Royal Counties Show Bournemouth 1926 1st & Champ on Female
Royal Counties Show Bournemouth 1926 1st & Champ on Male R.A.S.I.
Show Reading 1926 1st prize Shorthorn Society 1st prize Special Wilt
Challenge Cup & Champ on Female Three Counties Show 1926 1st Prize
Milk Trials Three Counties Show 1927 Reserve Champ on Male R.A.S.I.
Show Newport 1927 1st prize Milk Trials R.A.S.I. Show 1927 1st
& Supremacy Champ on Royal Lancashire Show Bolton 1927 1st & Champ on
Royal Welsh Show Swansea 1927

Herd Competitions

Won 1st & 2nd Prize Cup for the best herd of cattle in the Royal Counties in 1921
1922 and 1926 1st Prize for best Dairy Herd in the Royal Counties in 1921 1922
and 1926 1st and Yeovil Milk Record Society's Cup in 1922 1923 1924
The 1st & 2nd Champ on Cup in 1924 and 1925. These are the only occasions
that the above competitions have been competed for by the Anderson Herd



LEE SALOME 2nd Vol 60 Page 654

Cave —

10 3 61 lbs of milk with 5th calf

12 1 0	6th
11 1 0	7th
11 3 0	8th
10 5 0	9th
11 0 0	10th

**STOCK BULLS AND FEMALES OF
ALL AGES FOR SALE**

Careful attention given to EXPORT
orders Shipping arrangements made

INSPECTION INVITED

**TRAINS MET AT BLANDFORD AND
BOURNEMOUTH STATIONS**



56046 ANDERSON DARLINGTON CREAM.
Gave — 6 1664 lbs. of milk in 315 days with 1st calf

**PRIVATE CATALOGUE ON
APPLICATION**

Address all communications to ROBERT N. TORY.

THE MANOR, ASHE, OVERTON, HANTS, ENGLAND

PEDIGREE LIVESTOCK FARMS

SHIRE HORSES :: DAIRY SHORTHORNS

RYELAND SHEEP :: BERKSHIRE PIGS

THE "RYELAND SHEEP"
RANKS TO-DAY
AS ONE OF SUPREME
QUALITIES
HARDY CONSTITUTION,
FINEST WOOL,
DELICIOUS MEAT,
COMPACT BODY,
RELIABLE BREEDERS,
UNSURPASSED FOR
CROSSING FOR THE
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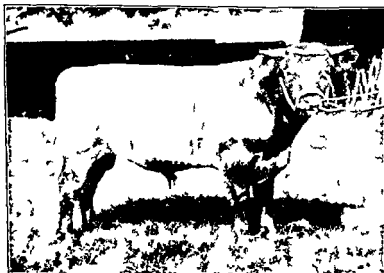


Pen of 1st Prize and Reserve Champion Shorn ewes 1928, bred by John Crowe

EXPORT OF STUD ANIMALS TO ALL COUNTRIES OF THE WORLD

The Property of JOHN CROWE,

SUCCESSFUL STOCK RAISER.
REPEATEDLY AWARDED HIGHEST PRIZES AT
ROYAL AND MANY OTHER NOTED SHOWS



"KIRKLEVINGTON KING," bred and owned by John Crowe
(1st year of 1st and 2nd and 3rd 2nd 3rd 4th)
dam Kirklevington 53rd
11 384 lbs. of milk in 315 days 19 1 24
14 035 lbs. of milk in 315 days 19 1
The cow's dam has a lactation record of 16,000 lbs. of milk

THE DAIRY SHORTHORNS
OF IMPROVED BATES'
BREEDING
ARE FOREMOST AS
DUAL-PURPOSE CATTLE:
HIGH MILK YIELD,
EASILY FATTENED,
ROBUST CONSTITUTION,
EARLY MATURITY.

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SHOULD NOT NEGLECT
INSPECTING THE
MANOR FARMS LIVE STOCK
CORRESPONDENCE
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Station: Overton S.R., 1 mile

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PROPERTY OF J PIERPONT MORGAN, WALL HALL, ALDENHAM,
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Dairy Shorthorns
Large White Pigs
Southdown Sheep

Jersey Cattle
Percheron Horses
Utility Poultry

NUMEROUS PRIZES WON IN ALL SECTIONS AT LEADING SHOWS
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— THE PROPERTY OF —
E MACINTOSH,

Stationer
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BOXHILL FARM ■ ■ ■ **DORKING, SURREY, ENG**

FOXBURY HERD OF PEDIGREE DAIRY SHORTHORNS

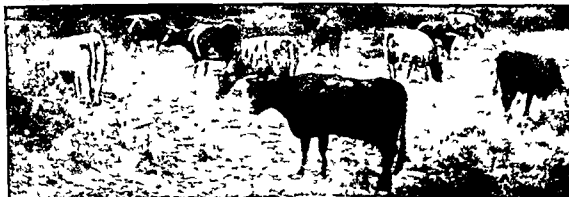
FOXBURY HERD OF PEDIGREE LARGE BLACK PIGS

BROOKHAM FLOCK OF PEDIGREE SOUTHDOWN SHEEP

FOXBURY KENNEL OF PEDIGREE GOLDEN RETRIEVERS.

INSPECTOR
BY THE

WRITE
FOR
BOOKLET



Photo]

PEDIGREE DAIRY SHORTHORN COWS

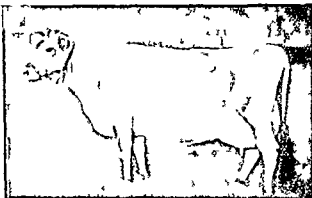
[Francis Hart

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The Home of Mrs Hayes Sadler's Herd of Jersey Cattle



ZALFAPINE Champion at the Royal Agricultural Society Show leading 1916

One of the principal herds in the South of England and within 25 miles of London. In 1926 and 1927 the Championships three Reserve Championships and 19 First Prizes at the leading Shows were awarded including the Reserve Male Champion at the Royal Show 1926 and Female Champion at the Royal Show 1927

Export orders carefully selected and shipment arranged
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The Fylde Herd

TUBERCULIN-TESTED

Pedigree Dairy Shorthorns

THE PROPERTY OF

R SILCOCK & SONS LTD

STOCK BULL

"Pearl's Masterpiece" 218077

(as illustrated on jacket)

Sire Leeming Politician 173380

Dam, Pearl Queen (v 64 p 1240)

Winner of 1st Prize and Champ on Show 1st Prize (D.S.A.) and Reserve Champ on Cumberland Shows 1927

1st Prize Shropshire and West Midland 2nd Prize Oxfordshire 3rd Prize R.A.S.E. 1st Prize (Open) Dairy 2nd Prize (County) Beef and Dairy Royal Lancashire Shows 1928

Other Stock Bull GRENDON BEAU BRUMMEL 172150
Sire Lord Nottingham 116317 Dam Nottingham Princess 2nd (v 63 p 1015) Grendon Beau Brummel was the sire of 65405 Dairy 12th 1st Prize & Reserve Champ on R.A.S.E. 1928

MILK RECORDS TAKEN DAILY

The Herd is open for inspection at any time by appointment and for particulars of selected Bull Calves and Young Bulls apply—

GEORGE PARK Thornton Hall Farm
Thornton le Fylde, Lancs

SOUTHBURN ABERDEEN-ANGUS CATTLE and SUFFOLK SHEEP

Property of SIR PRINCE PRINCE-SMITH BT

ABERDEEN-ANGUS cattle of the choicest breeding including Ericas Prides Miss Burgeses Jilts and Vines reared in a cold climate 12 miles off the East Coast of Yorkshire

Prizes won at leading shows, including Royal etc

Stock Bulls—

Euren of Ballindalloch 54730 by Jorum of Ballindalloch 43920

Rufus of Buckland 53693 by Proud George 38599
Young Bulls and Heifers usually for sale

SUFFOLK SHEEP The flock has been built up by careful selection and prizes have been won at the Royal Norfolk Highland and other leading shows

Ram Lambs sold annually and Shetland Ewes usually for sale

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Brackenhurst Herd of Pedigree Bates' Dairy Shorthorns

Sir WILLIAM N HICKING Bart



BRACKENHURST JEAN 1st Prize and Female Champion Bath and West Show 1917

First Prizes were won in 1927 at the R.A.S.E. Newport Show Bath and West Peterboro Tring Cambs and Isle of Ely Nottingham Gillingham etc and numerous other awards. Amongst the herd cows are some of the heaviest milkers of the breed

All cattle possess Bates type size quality and constitution.

YOUNG STOCK GENERALLY FOR SALE

(Illustrated Booklet on application to)

J P BEESON, Brackenhurst, Southwell, Notts

FOXHILL HERD of Pedigree DAIRY SHORTHORNS

The Property of CAPT THE RT HON E A FITZROY, MP

About 120 head of Long Pedigree Deep M King well fleshed Cattle Principal families Bates Wild Eyes Telloria, Madeline

MANY PRIZES WON AT ALL THE LEADING SHOWS

STOCK BULLS

FOXHILL CARYL 171'02 roan sire John Wild Eyes 149616 dam Clifford Lady Carl Vol 63 p 6 s by Knight 131602 and out of Lady Carl Vol 56 p 366 Foxhill Caryl has won many prizes including 1st Prize and Silver Medal at the London Dairy Show in both 19'2 and 19'3 and Second at the R A S E Show in both 19'2 and 19'3 and First at the Warwickshire Show in both 19'2 and 19'3 Clifford Lady Carl gave 10 69½ lbs of milk in 287 days 19'3 24 and averaged 9 389½ lbs for four years Lady Carl gave 12 439½ lbs in 300 days 19'0 21 (Northants M R Soc and D S A Records)

WILD EYES DAIRYMAN 186265 dark roan sire Carleton Dairy King 141439 dam Annie Wild Eyes Vol 63 p 1012 by Derwent Golden Star 136109 and out of Lily Wild Eyes Carleton Dairy King was out of Lady Windsor 22nd that gave 14 890 lbs of milk in one lactation period Annie Wild Eyes gave 10 493 lbs in 306 days 19'1 22 and 10 493 lbs in 336 days 19'2 23 and 10 010½ lbs in 19'3 20 Lily Wild Eyes gave 9 610½ lbs of milk in 1923 and won First Prize at the Cumberland Show 19'0 and Second at the Royal Counties Show in 1923

BULLS COWS AND HEIFERS ALWAYS FOR SALE

INSPECTION INVITED

CLIFFORD LADY CARL, Dam of Stock Bull

Apply—J. STRONG, FOXHILL COTTAGE FARM, WEST HADDON, RUGBY.

Telegram—WEST HADDON

Station—LONG BLICKBY L.M.S.

The Silvertown Dairy Shorthorn Herd

owned by Mr J L SHIRLEY is very well-known

Animals from this herd have been exported to North and South America and to South Africa, and outstanding successes have been gained in the Show Ring, especially at the

LONDON DAIRY SHOW,

where within a period of 15 years—80 Prizes and Honours have been won.

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OF PEDIGREE

Lincolnshire Red Shorthorns

OFFICIALLY RECORDED

The Property of Captain A. C. RIPPIN,
Thornton Lodge, Near Horncastle, Lincolnshire.

The Herd has been bred entirely on Dairy Lines for more than fifty years and contains many of the Highest Yielding Cows in the Breed Numerous successes include Highest Herd Average and Highest Individual Yield. First Prize for Dairy Bull, out of Officially Recorded Dam, and Highest Yield of Heifers.

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PEDIGREE

DAIRY SHORTHORNS

Cows of Pure BATES DESCENT

Waterloo Wildeyes Foggathorpes etc.

Official Milk & Butter Fat Records

Prize Winners

Bulls from Qualified Cows

F. H. K. HARRISON, Scalestrey, by Carlisle, Cumb

THE CHEVIOT SHEEP SOCIETY (Scotland).

"THE CHEVIOT" has proved itself superior to any other Breed of Sheep for WOOL and MUTTON production and is unsurpassed as a CROSSING PROPOSITION

Full particulars from the Secretary

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THE PINKNEYS HERD of PEDIGREE DAIRY SHORTHORNS

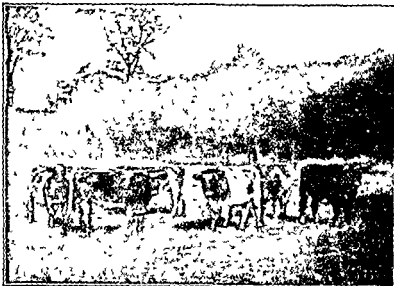
The Herd was founded by the purchase of first-class Dairy Stock from some of the best herds in the country to expense being spared in obtaining the right type of animal particular attention being paid to constitution and perfect udders combined with good breeding.

STOCK BULLS.

Babraham Deliberate 160923 Sire Babraham Consul 118833 Dam, Babraham Dilect by Lord Lee 2nd 121237, whose brifers are calling down with *La, michee bay*

Chickendon Bandmaster 183353 by Babraham Lord Price 10474 out of Longbills Melody by Kelmscott Acrobat 8th 121660 Babraham Lord Price was first and Champion at the R.A.S.E. Show 1921 and was sold for 1000 £ in 1915. He is the sire of many winners. Longbills Melody took first prize three years running at the London Dairy Show and gate

The Property of FRED. T. FISHER, Pinkneys Green, Maidenhead, England.



A GROUP OF HOME-BRED IN-CALF HEIFERS

Numerous Championship and other prizes have been gained at the Royal & other Shows.

INSPECTION BY APPOINTMENT WELCOMED

2 1763 lbs of milk with her first calf and 12 510 with her third

Kelmscott Imperialist 71st 192000, sired by Creme de Menthe 119693 out of Primula 121st. First A Champion at the R.A.S.E. 1927; First at the R.A.S.E. 1921, First and Champion Royal Counties 1927

AND

Pinkneys Darlington Major 152845 by Tockenhams Keystone 2nd 152805 out of Yeldersley Darlington 6th have both been extensively used in the herd and their stock shows great promise

The Herd includes most of the oldest and best known Bates families and is maintained under purely natural conditions the cows living entirely in the open air throughout the year. The herd is periodically tested and entirely free from Tuberculosis and Milk Records are officially checked under the Ministry of Agriculture Scheme

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Ayrshire Cattle.

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THREAVE : KIRKMICHAEL : AYRSHIRE.

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DOWNTON HALL, LUDLOW,
OLD ESTABLISHED HEREFORD HERD,
CAREFUL LINE BREEDING.

SPECIAL ATTENTION TO HARDINESS AND HEALTH

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Percentage (37655), by Sir Sam (33131)
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Breeders of Guernsey Cattle, Oxford Down Sheep, and Long White Lop-Eared and Berkshire Pigs
Won 237 Poles 41 Championships, Specials and Reserve Champions with 205 Exhibits 1924, 1925, 1926 & 1927, including Champion Twice, and Reserve Champion Twice Royal of England Show Stock for Sale

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"Home Farm," Osgodby, Nr. Selby, Yorks
FRIESIAN CATTLE. BERKSHIRE PIGS.
PLYMOUTH ROCK & LIGHT SUSSEX
POULTRY.

British Pigs

LARGE WHITE MIDDLE WHITE



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ESTABLISHED BREEDS

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At the Smithfield Fat Stock Show in 1927 ALL THE CHAMPIONSHIPS AND RESERVE CHAMPIONSHIPS in the Live Pig and Carcass Classes and ALL AWARDS in the carcass classes (except two) were won by N.P.B.A. breeds.

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LANGE EXISTIERENDEN RASSEN

ist von ganz besonderem Wert sowohl für den Schweineschächter als auch für den Bacon Fabrikanten

Bei der Smithfield Fettware Ausstellung im Jahre 1927 len alle ersten Preise und d e Sieger Preise in der Klasse für lebende Schweine und für geschlachtete Schweine sowie alle Anerkennungen in der Klasse für geschlachtetes Vieh mit nur 2 Ausnahmen an die Züchter der Nationalen Schweinezüchter Vereinigung

Broschüren und Auskünfte erteilt auf Wunsch der Sekretär

The National Pig Breeders' Association

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A number of selected pigs have been exported and during last season shipments have gone to Japan and other distant countries.



NORSEBACH BELCONF 17th Champion at the Royal Agricultural Society's Show head of 1926.

Exhibits are only sent to the leading shows. Since 1923, 17 Championships, 12 Reserves and 22 First Prizes have been won, including Female Champion at the Royal Agricultural Society's Show 1927 and Reserve for both Championships at the Royal Show 1926.

Should you wish to import first class Middle Whites, write direct to Mrs. HAYES SADLER at above address.

The best stock always give satisfaction.

The Edmonton Herd of Large White Pigs

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Edmonton King David 65th Exported to Poland

BOARS and GILTS from prize-winning strains always for sale. Bourse blood predominant.

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PRIZES WON DURING 1927—19 Firsts and 8 Championships, including Female and Supreme Champions at "Royal" Show, Supreme Champion, Bath and West Show, Champion Single Pig, Southdown.

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FOR PURE-BREEDING : FOR GRADING UP : FOR CROSS-BREEDING :

The Large White Yorkshire Pig

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STILL
SUPREME
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Middle White Yorkshire and Large White Ulster Pigs.

Numerous Champion Cups and Prizes have been awarded our Exhibits at the leading Agricultural and Fat Stock Shows, including The Royal of England, Bath and West, Royal Counties, Royal Yorkshire, Smithfield Club Fat Stock.

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MIDDLE WHITE PIGS
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The Property of The Lord Daresbury, C.V.O.

During the last 4 years the Herd has obtained the following awards:—Royal Agricultural Society Shows, 30 Prizes, 3 Champion Gold Medals, and Silver Challenge Cup; Royal Lancashire Shows, 32 Prizes, and 4 Gold Medals; Great Yorkshire Shows, 19 Prizes, and 5 Gold Medals.

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Better Pigs Mean Better Profits

PROLIFICACY • EARLY MATURITY • QUALITY

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Owned by
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 Call or write inspect on and enquires invited

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FAMOUS PEDIGREES AND EXCEPTIONAL BREEDING STOCK

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LARGE WHITE & LARGE BLACK

LARGE WHITE STOCK BOARS —
 Bourne Champion Boy 38th (1st Royal Peterborough Lincoln Yorkshire and Royal Lancashire Shows, all 1923)
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 Ashby Lex 24747, Bassingbourn Outfit 1st C841
 All pigs open air reared on most up to date pig farm in the country Over 4,000 pigs bred yearly

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Sawston Cambs (Whittleford or Shelford L. & E. R.)
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winner of principal Prizes at leading Agricultural Fat Stock and Poultry Shows also, having judged at most of the leading National Shows **CAN SUPPLY PEDIGREE STOCK** of the following breeds —

Pedigree and Non Pedigree **DAIRY SHORTHORN CATTLE**.
GALLOWAY CATTLE.
SHEPHERD PONIES—Piebald & Skewbald **CUMBERLAND PIGS**
 Old English Game Old English Game Bantams.
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A record of progress without equal

is shown in the bounding popularity of the

KERRY HILL (Wales) SHEEP

Pay your rent by founding a flock.

HARDY ENOUGH FOR SEVERE CLIMATES THEY THRIVE EVERYWHERE

The **RAMS** are unrivalled for crossing purposes
 The **EWES** are prolific and ideal mothers
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 The **WOOL** commands top prices on the market
 The **MUTTON** is lean, tender, juicy and universally favoured

THE MOST SOUGHT AFTER SHEEP BY
 FARMER, BUTCHER & WOOL MERCHANT

ANNUAL PEDIGREE SALES

in 1928.

CRAVEN ARMS Shropshire, Sept. 6th.
KERRY, Montgomeryshire, Sept. 7th.
KNIGHTON, Radnorshire, Sept. 13th.

All Particulars from the Secretaries of the Kerry Hill (Wales) Sheep
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THE HOME OF SOUTHDOWN SHEEP
 Numerous Prizes won at the principal Shows.
 Individual Pedigrees kept.

GUERNSEY CATTLE

for Butter-fat MILK.

SHORTHORN CATTLE

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Males and Females for Sale from each of the above breeds of
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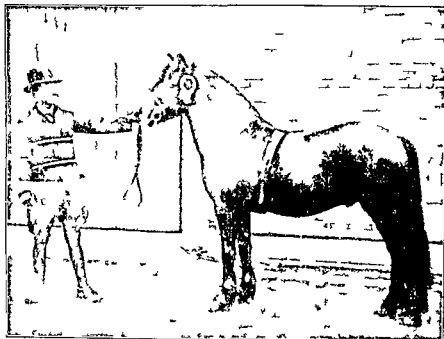
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Station—Ford Junction or Barnham (Southern Railway).

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Hunters, Thoroughbreds,
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HIS KNIBBS OF LYNDRIDGE.

AT STUD —

The Thoroughbred Stallion
PYTCHELY.

The Pony Stallion
**HIS KNIBBS OF
LYNDRIDGE**

who has won

1st and Linnel Challenge Cup at
National Pony Society's Spring
Show 1926

1st Group Class N.P.S. Show 1926

1st Special N.P.S. Show

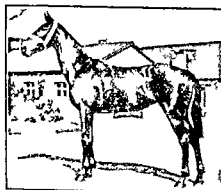
51st Medal at Cornwood Show
1926

1st Okehampton 1926

2nd Lydford 1926.

1927—1st and Champ on and 1st
Group at Nat onal Pony Soc ety's
Spring Show

1928—1st Stallion and 1st Group at
Nat onal Pony Society's Spring
Show Islington



LYNDRIDGE JOSEPHINE
Polo Pony Mare

Other Successes in 1926-27-28

LYNDRIDGE TINKLE—2nd
Stallion at N.P.S. Spring Show
1928 1st Group N.P.S. 1928,
1st Group at N.P.S. 1927 1st
Okehampton 1926 3rd Lyd
ford 1st Cornwood

LYNDRIDGE HEATHERBELL—
1st Group N.P.S. 1926

LYNDRIDGE SALLY—1st Group
Class N.P.S. 1926 1st and
N.P.S. Premium Lydford 1926
3rd Okehampton 1926 2nd
Brood Mare N.P.S. Show 1928

1st Group Class N.P.S. 1928

LYNDRIDGE TINSELL N.P.S.
Prem at Cornwood 1926

LYNDRIDGE DARTMOOR
LADY Two 1sts Lydford
1926 Reserve N.P.S. 1927

LYNDRIDGE MOORHEN—1st
and Reserve Champ on N.P.S.
1927 1st Group

LYNDRIDGE PERIWINKLE—
3rd Bath and West

LYNDRIDGE BEAUTY SPOT—
2nd Lydford 1927 Reserve
Okehampton

LYNDRIDGE JUDY—2nd Vel
verton 1926 2nd Cornwood
1926 2nd Lydford 1926
Reserve Devon County 1927

LYNDRIDGE PIPPIN—3rd Oke
hampton 1926 2nd Okeham
pton 1927

LYNDRIDGE PERIWIG 2nd
London Spring Show 1928

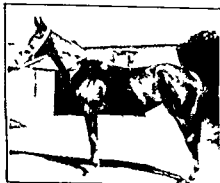
LYNDRIDGE PUNCH—2nd and
3rd Prize Okehampton 1927

LYNDRIDGE STAR—Reserve
Bath & West 1927 3rd Devon
County 1927 3rd Bedford
1927

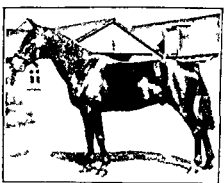
LYNDRIDGE SHAMROCK—3rd
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Mare Lydford



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(Hunter Mare)



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The Otham Herd of Pedigree Sussex Cattle.

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Bulls and Heifers usually for sale.

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Oaklands Park Herd, Newdigate, Surrey
O.P.H. Registered prefix of the OAKLANDS PARK HERD, Newdigate, Surrey. Pure Pedigree Registered Kerry Cattle, prize-milking butter-fat, record strains, type, breeding Herd list with pedigrees on application — Apply, THE FOREMAN

Lincoln Red Shorthorns.

Officially recorded by Norfolk Milk Recording Society
Last Year's Herd! Average 10,008 lbs. Young Stock for Sale.
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HURTS HERD of DAIRY SHORTHORNS

Bulls and Heifers always on Sale.
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The above widely known Herd of ABERDEEN-ANGUS CATTLE can be seen on application to WILLIAM SINCLAIR, Farm Manager, Ballindalloch.

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Dual Purpose type
BRED FOR MILK AND CONSTITUTION
Yearling bulls usually for sale
Also
FLOCK OF REGISTERED ROMNEY MARSH SHEEP
W. MILLER, Reville, Nr Canterbury, Kent.

The Otham Flock of Kent or Romney Marsh Sheep.

J. RAYNER BETTS, Greenhill Farm Otham Maidstone, Kent
The Flock consists of 350 Ewes and has won 1st Prize in the Flock Competition 1923 and 2nd and reserve championship 1925 and in 1926 None but the best rams have been used and no expense has been spared to improve the flock Sales for export have totalled over 200 in the past four years

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The Largest and Oldest Pure Breeding Flock of this hardy breed very suitable for high ground
Winners of 37 Cash Prizes and two Silver Cups, 1926 & 1927

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RAMS, EWES and LAMBS for SALE from the famous Horseshoe Manor Prize-winning Lincoln Longwool Flock, which won all the First Prizes, Champion and Reserve Champion Lincoln Sheep Classes Royal Show of England 1918, etc. etc. Write for particulars.

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Oldest Established Flock in the County Winner of 3 First Prizes & Reserve Awards and the Champion Cup in Ewe Flock Competitions and many Prizes for Wool. Ewes and Rams always for Sale Inspection Invited

GORDANO HERD of PEDIGREE LARGE WHITE PIGS

Out of doors most of the year
Also Pure Bred Ubbly POULTRY Light Sussex and Anconas, trap-netted and on free range.
Hardy and Prolific strains and not forced
Apply Manager Home Farm, WALTOW-IN-GORDANO, CLEVELAND Somerset.

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Lire out all the year. Hardy prolific early maturity. Stock four a son of the prize-winning Hutton Deliverance 60.33 Stock for sale at moderate prices. Apply Owner
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THE WHARFEDALE HERD OF PEDIGREE MIDDLE WHITE PIGS

Won Championship at the Royal Show — 1908, 1909, 1910, 1913, 1914, 1915, 1921, 1922, 1923, 1925, 1926 & 1927.
First Prize 1st of Gilts at eleven successive Royal Shows.
It pays to keep the 1st type PRICES VERY REASONABLE.
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1923 successes include Free Championships. Only Sows of proved utility kept. Detailed utility records of family given at desired. Sows farrow out all the year
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THE COST OF EACH SQUARE IS 20/- NET.

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Numerous Prizes Won. Only the very best strains kept. Bred and Gilt of all ages always for sale.
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THE FURTHEST SOUTH CORRIEDALE STUD IN N.Z.

The Southbrook Corriedale Stud was founded in 1908, and is chiefly of the Lincoln Merino foundation. Rams from the studs of L. White, J. H. Johnstone and J. A. Stringfellow have been used. The Southbrook Corriedales are large framed, good constituted sheep. They are bred in the rigorous Southland climate, and the stud is the furthest south one in New Zealand.

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Note shapely
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and dense
wool on
all the
sheep



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Corriedale
ram sure on
right with
four of his
sons

□ The wool from Southbrook Corriedales is renowned. It has been practically unbeatable in open competition at Southern Shows because of its outstanding quality.

At the Winter Show held in Dunedin in 1927 fleeces of Southbrook Corriedales scored the possible 100 marks. Stations using rams from this stud have reported a market increase in quality of wool with an increase in price up to 6d per lb.

□ It is difficult to supply the keen demand for Southbrook Corriedales.
ORDER EARLY

WM AYSON Southbrook Waikaka
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Parorangi Stud Romney Marsh Sheep and Hereford Cattle

The Parorangi Sheep are known in every Country where Romneys are bred.



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Awarded World's Championship for Ram at Argentine Centenary International Exposition in 1910.

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Prize Winners 1907 on their home pastures

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Sir Charles Campbell Bart, founded this flock in 1890 by mating Merino Ewes with English Leicester Rams. His son now the present owner, has strictly supervised the culling and mating of the Studs and his ideal has always been to breed a **STRONG CONSTITUTIONED SHEEP CARRYING A DENSE FLOCKY FLEECE** of 50-56 spinning quality.

Glen Dhu Rams are well known all over the Southern Hemisphere, Rams having been shipped to the Peruvian Government, Patagonia Argentina and the United States of America.

When exhibited in the Show Ring, Glen Dhu Corriedales have more than held their own.

Rams at Glen Dhu this season clipped up to 27 lbs of Skirted Wool.

Rams and Ewes for Sale—Satisfaction Guaranteed



Prize Winners on their Native Heath
Note the fine country they live on—5,000 ft. & up.

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GLEN DHU, MOTUNAU,
NEW ZEALAND.

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Brought up under natural conditions

VERY SUCCESSFUL in the SHOW RINGS

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THORNBURY
SOUTHLAND
NEW ZEALAND

Meadowbank Prince Darlington taken when 2 years. Best Bull in Southland.

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Stud Stock Specialist Blenheim

Importer and Breeder of—
MILKING SHORTHORNS
LARGE WHITE TAMWORTH and
BERKSHIRE PIGS

Winner of 10 Championships.

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MARLBOROUGH, N.Z.

Anawhata Pedigree Friesians

are line bred two to a 3 times
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Cow starting test over 12 years

N.Z. Government C.O.R. 1046 31 lbs Fat
27 713 8 Milk.

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ABERDEEN-ANGUS CATTLE

America's Premier Herd.

Also Breeders of **SUFFOLK DOWN SHEEP**
and **BERKSHIRE SWINE**.

James D. McGregor, Proprietor,
Brandon, Manitoba, Canada.

Thornby Polled Registered Hereford Cattle.

Over 100 cows in herd bred by **PISI**
DOVE, Ch. yearling bull, Des Moines L.S.A.
Nat. Polled Hereford Show, awarded by
PRIMA, highest priced bull, 1907 same Show
and Sale.

All Hereford advantages with horns gone

MAJOR HEDDERLEY
Thornby, Hawke's Bay, New Zealand.



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CATTLE TROUGHSWIRE AND
WIRE NETTINGCORRUGATED
SHEETSWIRE and WROUGHT
FENCING

ROOFING FELT, &c.



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Directory of Pedigree Stock Breeders.

ENGLAND

Cattle Breeders

For Explanation of Symbols etc see page XXI

Name and Address	Breed	Name and Address	Breed
His Majesty The King,		Addison Jos Bridge End Stanton Kendall Westmorland	Shorthorn
THE ROYAL FARMS WINDSOR	Devon	Adeane C R W Babraham Hall Cambridge (sp4)	D Shorthorn
	Jersey	Adkinson A L Cawston Farm Rugby Warwickshire	Shorthorn
	Shorthorn	Adkinson Gen R L Culverthorpe Hall Grantham Lincs (p)	Friesian
	Hereford	Agar Roberts Hon F G Wimpole Hall Royston Cambs (p)	Shorthorn
SANDRINGHAM NORFOLK (sp4)	Red Poll	Agreste T Routhwood Park, Chalfont St Giles Bucks	Guernsey
		Agnew C Morland Durranis Chalfont Green Herts (k)	Red Poll
S H H The Prince of Wales L C		Agnew Major J S Battles Roughton Bury St Edmunds Suffolk	Red Poll
HOME FARM, STOKE CLIMSLAND, CORNWALL (sp)	Shorthorn	Armiter T S Islip Farm Thrapston Northants (k)	Shorthorn
	Devon	Aiskman Maj H H R Danton Bassett Luttrewh Rugby Warwickshire	L R Shorthorn
BELLEVER FARM PRINCETOWN DEVON	Aberdeen Angus	Ainsley Mrs J C Jersey Fm County Oak Crawley Sussex	Jersey
GROVE FARM LENTON NOTTINGHAM	Shorthorn *	Ainsworth James Fairhurst Hall Parbold Lancs	D Shorthorn
		Ainsworth J C Sturthfield Fm Stratton Alfreton Derby	Friesian
A		Aitkenhead C Carr House Fm New Seaborn Co Durham (k)	Friesian
Abbey A W Didgegate Hall Roven Essex	Hereford	Aikman W A Sandy Hill Sherborne Dorsetshire	Shorthorn
Abbott Edward Ardleigh Colchester Essex	Friesian	Aikroyd Col P B Abbey Park Farm Burnham Bucks	Ayrshire
Abbott Malcolm, Howley House Farm Denby Derbyshire	Shorthorn	Aitken W E Sons Globe House Spridrigton Lincoln (p)	L R Shorthorn
Abbott W Nockerin Cockermouth Cumberland	Shorthorn	Aitken Ralph New Cross Farm Wednesfield Staffs	Friesian
Abbott W S Thornhaugh Peterborough Northants	L R Shorthorn	Aitken W H Priors Park Taxford Newark Notts	L R Shorthorn
Abbott W S, Hush Trees Farm St. Ifford Bewdley Worcs	Shorthorn	Aitken W J Ikertshall Bunzay Suffolk	Jersey
Abdy R C M Charlton Hall Dovercourt Essex	Red Poll	Aitkenham Lord Aldenham House Elstree Herts	Jersey
Abraham J Otho House Walsby Lincoln	L R Shorthorn	Aitken W G Chucks Farm Parts de Croix Sussex	Jersey
Abraham Harry Rushy Manor Treble Lincoln	L R Shorthorn	Aitken W E Sons Allens Farm East Bercholt Suffolk	Friesian
Ackers Maj Chas J Huntley Manor Gloucester	Shorthorn	Aitken W W Nougham C W Farm Colchester Essex	Calloway
Ackland Col Alfred Duke Digswell House Welwyn Herts	Jersey	Aitken W J Ikertshall Bunzay Suffolk	Jersey
Ackland Mrs J A Richmond Manor Congresbury Som.	Shorthorn	Aitken W G Chucks Farm Parts de Croix Sussex	Jersey
Adams Hon Mrs Bradfield Culmpton Dorset	Shorthorn	Aitken W E Sons Allens Farm East Bercholt Suffolk	Friesian
Adams E E, The Oaks, Brambley Law Linstead, Hants	Devon	Aitken W W Nougham C W Farm Colchester Essex	Calloway
Adams Fred, East Quantoxhead, Bridgewater Somerset	Shorthorn	Aitken W J Ikertshall Bunzay Suffolk	Jersey
Adams George, Sh plev Derby	Shorthorn	Aitken W G Chucks Farm Parts de Croix Sussex	Jersey
Adams Decca, Laurel Farm, Old Felstone Suffolk	Red Poll	Aitken W E Sons Allens Farm East Bercholt Suffolk	Friesian
Adams Mrs J, The Cedars, Fisher Surrey	Jersey	Aitken W W Nougham C W Farm Colchester Essex	Calloway
Adams, Raymond J, Fernham Manor Larnham Berks (k)	Friesian	Aitken W J Ikertshall Bunzay Suffolk	Jersey
Adams S I Lower Farle ch, Hallowell, Totnes Devon	South Devon	Aitken W G Chucks Farm Parts de Croix Sussex	Jersey
Adams Mrs B J S S n M Wether, Hallowell, Totnes Devon	Red Poll	Aitken W E Sons Allens Farm East Bercholt Suffolk	Friesian
Adams W G S Powder Hill, Hallowell, Totnes Devon	Red Poll	Aitken W W Nougham C W Farm Colchester Essex	Calloway
Adams Miss W S, Oaklands Hallowell Essex	Jersey	Aitken W J Ikertshall Bunzay Suffolk	Jersey
Adams A, Springs Farm Newick, Cumberland	Shorthorn	Aitken W G Chucks Farm Parts de Croix Sussex	Jersey
Adams, Mrs, Old Freeland House, Crompton-under-Windwood, Chesh	Red Poll	Aitken W E Sons Allens Farm East Bercholt Suffolk	Friesian
Adams A V, Chiswick Manor Hereford	Hereford	Aitken W W Nougham C W Farm Colchester Essex	Calloway
Adams Rose, Lockes Farm, Le Shobchurch Dorset	Friesian	Aitken W J Ikertshall Bunzay Suffolk	Jersey
Adams Northants	Shorthorn	Aitken W G Chucks Farm Parts de Croix Sussex	Jersey
Adams J W, Field End, Stanton Kendall Westmorland	Shorthorn	Aitken W E Sons Allens Farm East Bercholt Suffolk	Friesian
		Aitken W W Nougham C W Farm Colchester Essex	Calloway

Name and Address	Breed	Name and Address	Breed
Allerton Lady Thorp Arch Hall Boston Spa Yorks	L.R. Shorthorn	Ascombe Lord Pallapit East Allington Devon	S Devon
Alley Mrs Great Hollands Farm Underiver Severn	Shorthorn	Ascombe Lord Ditch as Dorking Surrey	Jersey
Alkley Wm S Chacombe Priory Bambury Oxon	Jersey	Asker S G Asker Place Asker Berks	Shorthorn
Allin Fred Lee Barton Morwenston Holsworths Devon	Devon	Ash ord J West End Farm Chedzoy Bridgewater Som.	Shorthorn
Allin R W Cleve Morwenston Holsworths Devon	Shorthorn	Ashley Cornet us Orsett Grays Essex	L R Shorthorn
Allinson H B The Bill Newnham Penarth Cumb	Shorthorn	Ashley T W Deepden Farm Godmanchester Hunts	Shorthorn
Allison Fred Lipse Farm Yecingham Hereford	Shorthorn	Ashtan H C Templehouse Farm Doulton Shropshire	Shorthorn
Allison J C Lupton H H Butterdon Cx Durham	Shorthorn	Ashton J Somerset Place Somerset	Friesian
Allport Tom Churchdale Farm Bakewell Derby	Shorthorn	Ashtons Estate The Little Gaddesden Berkhamstead	Friesian
Allwood B V Upper Newton Farm Stoke-on-Trent Staffs	Blue Alb on	Ashton H S Trueloves Ingatstone Essex	Red Poll
Almond J Buckley Hill Farm, Sefton Liverpool Lancs	D Shorthorn	Ashton Lt Col S E Scots Grove Thame Oxon	D Shorthorn
Alston Wal C Falmouth Cottage Newmarket Suffolk	Red Poll	Ashton Hon T H R Yew Tree House Westfield Battle	Shorthorn
Alsby Arthur B edington Kingham Oxon	Shorthorn	Ashton T W Walsall Old Haresley Park, Winchester	Shorthorn
Alvis G E Court Farm Backwell Somerset	Shorthorn	Ashtons Farming Co The Manor House Oakham Rutld	Shorthorn
Amble John Thorp Underwood Hall Ouseburn Yorks	Aberdeen Angus	Ashtworth Capt E Landgrave Priory Chesham Mon	Shorthorn
Ames Capt John L Thistlethwaite Longhorsley Numb	Kerry	Ashworth Farm Hulsebath Farm Nere Knutsford Cheshire	Shorthorn
Ames Mrs Oswald Durnford Hall Witley Surrey	Jersey	Askew C Junr Church Street Willingham Cambs	Shorthorn
Amory S rian H Knights Hayes Court Tiverton Devon	Devon	Askew Wm Townend Farm Accrington Lancs	Shorthorn
Amory Mrs L H Cheviot Barton Tiverton Devon	Devon	Aspinall Maj J R Stands Hall Clitheroe Lancs	Shorthorn
Amos E W Wey St Bernhill Faversham Kent	Sussex	Astley Maj D G L Eastridge Wroxham Norfolk	Red Poll
Amos R D Gosmere Faversham Kent	Sussex	Astley Mrs D H Wyngton Court Hereford	Shorthorn
Ancestor The Earl of Northampton Park Stamford Lincs	Shorthorn	Astley R B Wey House Weymouth Dorset	Red Poll
Anderson H Woodhill Farm East Challow Wantage Berks	Shorthorn	Aston J H Bean-desert Park Hemley in Arden Warks	Shorthorn
Anderson James Felinmore Farm Harlow Essex	Friesian	Aston John H Newton Hall Tattonhall Chester Ches	Friesian
Anderson T Town End Fm Deighton Northallerton Yorks	Shorthorn	Astor Viscount Cliveden Taplow Bucks	Shorthorn
Andrew Arthur Uplands Hawley Lass Hants	Shorthorn	Atherton Col C B Trenchfield Aughton Osm Wdk Lancs	Shorthorn
Andrew Stuart Clay H L Ringmer Lewes Sussex	Jersey	Atherton H J P M Farm Flax Bourton Somerset	Shorthorn
Andrew Mrs Ludington Manor Farm Northcote Glos	South Devon	Atkins E Gonerall Scornor Cornwall	Shorthorn
Andrews J North Park Ugborough Ivybridge Devon	D Shorthorn	ATKINS LT-COL E C Stretton House Stretton Baskerville Hereford	Shorthorn
Andrews S C Court Farm Sutton Hereford	Guernsey	Atkinson M S E F Highclere Slaley Hexham Numb	Shorthorn
Andrews & Spencer M sees Manor Fm Chalvington Sussex	Guernsey	Atkinson M S E F Highclere Slaley Hexham Numb	Shorthorn
Andrews W G Abernethy Farm Abernethy Mon	Shorthorn	Atkinson G W South Farm, East Meon Petersfield	Friesian
Angus H Maitland H gh House Watford Newcastle Numb	Shorthorn	Atkinson J Middleton Head Kirkby Lonsdale Westmid	Shorthorn
Angus Mrs S C M ng Tree Morphet Northumb	Guernsey	Atkinson John Side Silegham Kendal Westmid	Shorthorn
Angwin John T Bosweddin St Juss Cornwall	Guernsey	Atkinson John Thon Farm Stanton Penrith Cumberland	Shorthorn
Annan D Ho ne Farm Stoke Clunland Cnllington, Corn	Devon	Atkinson John W Green Quarr s Thursty, Carlisle Cumb	Galloway
Ansell Carol W Leckford Abbess Stockbridge Hants	Shorthorn	Atkinson T Brumthwaite Old Hutten Kendale Westmid	Shorthorn
Ansell Capt R chard Bentham House Puxton Wicks	Friesian	Atkinson T C Low Groves Kendal Westmid	Shorthorn
Anslow Lord of Iwer Barch Park Iwer Bucks	Ayrshire	Atkinson Thos Lowergate Bidel, Sussex	Shorthorn
Antrobus C J Eaton Hall Congleton Chesh	Shorthorn	Atkinson Thos & Son North Keyes Lincoln	Shorthorn
Appley A Street Farm Full Sutton Yorks	D Shorthorn	Atkinson W J Weston St Mary Spald ng Lincs	Shorthorn
Appley T Thos Dalton Cumberland	Shorthorn	Atkinson Wm The Abbey St Bees Cumberland	Shorthorn
Appley Maj J Elton Hall Stock Farm Durham	Shorthorn	Attee Miss E M Dorsetton Manor Fm Inkerrow Worcs	Shorthorn
Appley T S Smallburn Longhorsley Northumberland	Shorthorn	Aubrey R T Weshbridge Ellington Hunts	Shorthorn
Appleton W R Allendale Farm New Brinsley Notts	Friesian	Aubrecht Mrs H Hethersett, Regate Surrey	Jersey
Applesh to Bros. Coleby Lowfields Lincoln	L R Shorthorn	Auscombe A T Jersey Farm Sand ng Lane Maidstone	Ayrshire
Arbuthnot W R Plaw Hatch East Grinstead Sussex	Guernsey	AUSTIN A Newton House, Stormer Marshall Dorset	Friesian
Archer Frances S Littlehay Grange O brook Derby	Friesian	Aust n Mrs G J Elms Rode Totteridge Herts	Jersey
Archer G O Little Barford St Neots Hunts	D Shorthorn	Aust n G L Summers Farm Hartston S O Devon	South Devon
Armagh Dr Vernon L. Maiden Newton Dorset	Jersey	Austin Richard The Thickets Bishop s Waltham, Hants	Guernsey
Arden H The Field Farm Bakewell Derbyshire	Dexter	Austin Mrs S P Roundwood Micheldever Station	Guernsey
Argent Will ed A Ghyll Manor Ruspur Sussex	Shorthorn	Austin W R Goldburn Okhampton Devon	Guernsey
Arket R S Fox Farm Stow-on-the-Wod Glos	Blue Alb on	Austin Wm Farms Training College Lyndford Wiltshire	Red Poll
Arket R B H G Brockwood Park Allsford Hants	Guernsey	Avery J R Dantry Green Farm Tanworth in Arden	Guernsey
Arker J P T Barton House Warrick	Shorthorn	Avery Norman Kington Farm Dartmouth Devon	South Devon
Arley Estates The Arley North Cheshire	Shorthorn	Axe Alfred The Lodge Bonhill Matlock Derbyshire	Blue Albion
Armstrong H R Colshaw Hall Over Peover Chesh	Shorthorn	Aylmer Mrs Edward Stoke Court Teubury Worcester	Guernsey
Armstrong J S Sand Fo at Kewstock Somerset	Guernsey	Aylmer C T Walberton Arundel, Sussex	Shorthorn
Armstrong J W H to Ox Farm Penrith Cumb	D Shorthorn	Ayre E E Trevan on House Newquay Cornwall	Devon
Armstrong J A Hall Slaveley Kendal Westmid	Friesian		
Armstrong J H H to se Cornwell aten Carlisle Cumb	Shorthorn		
Armstrong James G H Head Scotby, Carlisle Cumb	Shorthorn		
Armstrong John W Arkland House Fort Carlisle Numb	Shorthorn		
Armstrong R L East View Southsea to Carlisle Cumb	Shorthorn		
Armstrong T W Bysteads Morland Penrith Cumb	Shorthorn		
Armstrong Thos New House Bewcastle Ca lisle Cumb	Galloway		
Armstrong W R Duley Kibby Stewton Westmorland	Shorthorn		
Armstrong W Harding on Barton M L Northumberland	Shorthorn		
Armstrong Mrs W L Rids, House, Grundburgh Suff	Shorthorn		
Army Vocal onl T r o ng Centre Chiseldon Camp Wilts	Guernsey		
Arnold A H The White House Wotton under Edge Glos	Jersey		
Arnold Philip Springfield Hall Chalfont Essex	Friesian		
Arnold S Mrs Ls Farm Merden N Coventry Warks	Friesian		
Arnold Euren H Iside Hinton Bridge Herts	Friesian		
Arnsworth C H The Worms Addisley Market Drayton Salop	Friesian		
Arthan Dav d Gaddas Farm Ellesmere Shropshire	Friesian		
Arthan F Interton Organ St Mary s Oswestry Salop	Friesian		
Arthur W G Cefn Llech Llangibby Mon	Hereford		
Arthur H Hazeley Farm Wotton-under-Edge Glos	Shorthorn		
Ash Edward C Ashby Hall Wotton-under-Edge Glos	Red Poll		
Ashby John Dean Court Farnham Kent	Sussex		
Ashby W T, Carlisle Gate Farm M algate Carlisle Cumb	Shorthorn		

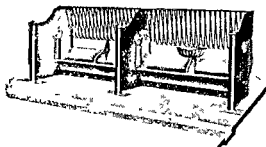
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Babbage H F Abbottsmarsh Burnington Umler gh Dev	Devon
Bacon Stephen Crofflands Farm Puxton Notts	Friesian
Bach Mrs F D O, Onbury Craven Arms R.S.O Salop	Hereford
Bach H H Church Farm Haulthorpe Yorks	Red Poll
Bacley Frank N C Farm Haverland East Sussex	Red Poll
Bagge Mrs R L D S O Gaywood Hall King's Lynn Norfolk	Jersey
Bagnall Mrs E M The Howells Malvern Link Worcs	Shorthorn
Bagnall G G Frantsham House Wend ng East Dorset	Red Poll
Bagehall G Fletcher Uttoxeter Staffs	Blue Alb on
Bailey E H Jox Holes Kington Oxon	Shorthorn
Bailey Ernest H The Butts Matlock Derbyshire	Friesian
Bailey Frank N C The Manor Walnut Swindon, Wilts	Friesian
Bailey Henry Fockesley Farm Beam sh Cx Durham	Ayrshire
Bailey John Hulbrosks Shapley Green N r Guildford Surrey	D Shorthorn
Bailey John C New Park Trentham Staffs	Friesian
Bailey T C Eyes Farm Rochester Staffs	Blue Albion
Bailey W O Faircroft Cobham Surrey	Jersey
Bailey Walter Willows Farm Weston Norwich Norfolk	Red Poll



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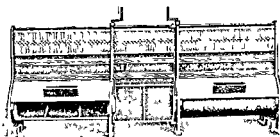
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Name and Address	Breed	Name and Address	Breed
Bice Wm C Nanshewin St Columb Cornwall (sp)	South Devon	Blanche A L Aendalshire Farm Winterbourne Glos (p)	Blue Albion
Bick A Lower Southmead Farm Bley Stroud Glos	Shorthorn	Bland C R Deben Manor Saffron Walden Essex	Jersey
Bickerton H J Thornycroft Hall Suddington Chelmsford	D Shorthorn	Blathwick C W R Wrington Hall Cleobury North	Hereford
Bickford George Somerford Brewood Staffs	D Shorthorn	Blathway R W Dyham Park Chippingham Wilts	Jersey
Bickford H Standford Wolverhampton Staffs (sp)	D Shorthorn	Blaylock J Woodhouse Hesket Newmarket Wigton Cmb	Shorthorn
Bickford J W Cottage Farm Holbourn S S Devon	South Devon	Blaylock T S Bridge House Hesket Newmarket, Wigton	Shorthorn
Bickle P D Hawkesley Hall Kops Norton Worcs	Friesian	Cumberland	
Bicknell C G Draycott Polat G seidon Swinton Wills (sp)	D Shorthorn	Bliss S L Lydney Park Gloucester	Friesian
Biddiscombe W W Tinsdams Enmore Bridgewater Som.	D Shorthorn	Bliss R T Hot Lord Lane Park Lydney Glos (sp)	Red Poll
Bigg Withers Capt G P R N Groves End Ledbury	Shorthorn	Blencowe Col A J W Marston St Lawrence Banbury	Shorthorn
Hereford		Oxon	
Bignall Luke Pole Hill Farm Norton Shelford Yorks	L R Shorthorn	Blencowe, Robert Campton B nham, Chusley Lewes S	Jersey
Bignold Miss L Sparks Hill Sutton Valence Kent	Dexter	Blennett G & R Boxed Hall Farms W Colchester Essex (sp)	D Shorthorn
Billing Mrs A L Cold Bessy eld Tunney Beds	Shorthorn	Blewitt W J The Orchards Lt Penn Wolverhampton	Friesian
Billing Fred Wobley Hall Stowton Warw (h)	Longhorn	Staffs	
Billing Joseph Higher Hendra St Trath Cornwall (p)	Devon	Blight Mrs Trollys Farm, SIlthans Perratwell Stat on	Guernsey
Bilington M & E M G Mount Pleasant Hinxhill	Sussex	Cornwall	
Asford Kent		Blight G & SON Treconning Breage Helston Cornw (p)	Guernsey*
Bilington John Dundoran Vyner Road R Kenhead Ches	Friesian	Blight S A Trudgones Sticker St Austell Cornwall	South Devon
Bilington Shorthorn Co Bilington Priory Home Farm	Shorthorn	Blomfield E & SON Maplestead Hall Dr Halstead Essex (sp)	Friesian
Asford Kent		Blouse Albany Jeffries Hey Audley Nr Stoke-on-Trent	Friesian
Bundley W A Pannington Court Farm Tewkesbury	Hereford	Staffs	
Glos		Blundell Maj Cuthbert Hall Hall House Ormskirck Lancs	Red Poll
Bingham Timothy V aggroves Hall Farm Codnor Derby	Shorthorn	Blundell E H Charlton House Charlton Hitchin Herts	Shorthorn
Birgley Percy H Ongar School Essex	Friesian	Boaden H O Wormal House Mawgan Cornwall	D Shorthorn
Birch A Sefton Liverpool Lancs	Friesian	Boag Samuel R Drungers ck Manor House Rudgwick	Guernsey
Birch M & E M Wadwick Farm Wolverhampton	Friesian	Sussex	
Suffs		Boake Mrs J C Highstand ng Loighton Essex	Jersey
Birch Reynardson Capt Vere H Rushing on Manor	Guernsey	Bolton G C E Ham Castle Shelsley Beauchamp Worcs	Hereford
Totton Hants		Boddingham Maj H W F Old House Outgate Ambleside	Shorthorn
Birchley D A G Beckwith Hall Colwal Hereford	Shorthorn	Derby	
Birch F Acres Farm Rackford Ches Cheshire	Shorthorn	Bodman A B Po nd Farm Stanley Chippingham Wilts	Shorthorn
Birch J D Showle Court Ledbury Herefordshire	Hereford	Bodman M & J The Farm Quenemore Calne Wilts	D Shorthorn
Birds C & Sons Conkbury Lane Youlgrave Bakewell	Blue Alb on	Boddy J B H nhead Court H nhead Surrey	Guernsey
Derby hie		Boffey George New Buildings Stafford	Friesian
Birds George Norton Barn Farm Bakewell Derbyshire	Blue Albion	Bohmann A H L Winkhurst Green Ide Hill Sevenoaks	Blue Albion
Birds C R Horsted House Nork ch Norfolk	Park	Kent	
Birkbeck Mrs H A The Abbey Westacre K ngs Lynn	Guernsey	Bolckow Vaughan & Co Ltd Grange Hill D shop Auck	Shorthorn
Norfolk		land Co Durham	D Shorthorn
Birkbeck J & Son Castle Hill Southy Kirkby Stephen	D Shorthorn	Boldison A E Pool Crooks Pool Leeds Yorks	Shorthorn
Westmorland		Bolton Col Sir D F Watts House Bishop s Lydeard Som t	Devon
Birkbeck M Stoke Holy Cross, Norwich Norfolk	Jersey	Bolton James Chasby Holmsworth Epsom Surrey	Devon
Birkbeck O v Little Massingham, Lincs & Lincs North (sp)	Jersey	Bolitho Lt Com W A A Higher Goodstone Bickington	Guernsey
Birkett E Crippenden Manor Eldenbridge Kent	Friesian	Newtown Abbot S Devon	
Birk n Col C W Lamotte Radcliffe on Trent Notts	Guernsey	Bolotho Col E H W Trengwainton Penzance Cornwall	Guernsey
		Bolotho Richard Foster Pensandance Penzance Cornwall	Jersey
Birk n Maj P A The Grove Gramote Notts	Friesian	Bolotho Thomas C Haldimann Farm Wotton Worcs	Friesian
Birk n Maj F A Woodhouse Grange, Grange Notts	Friesian	Bolt H T Charwelton Byfield H SO Northampton	Shorthorn
Birkumby S & A Bart. Rushbridge Hall Godalming Surrey	Shorthorn	Bolt Leal e Preston Fields Brighth Northants	Shorthorn
Birnham Road of Guardians Moughall County King's	D Shorthorn	Bolton E O Leeming on Ullswater, Pear th Cumb (p)	D Shorthorn
Heath B rmingham Warw (p)		Bolton Leop Bolton Hall Wensley Leyburn Yorks (sp)	D Shorthorn
Birmingham Co-op Soc Ltd High St Birmingham Warw	D Shorthorn	Bolton T J Aston Court Spetchley Worcester	Hereford
Birkby A A Woodhouse Court Woolston Lydney Glos	Friesian	Bond A H Rookery Farm Carlton Colville Suffolk	Shorthorn
Birtwistle W Aiston Hall Grimthorpe Lancs	Hereford	Bond Bernard Harcombe Ropley Hants	Shorthorn
Bishop A E The Nash Pemcombe Worcester	Shorthorn	Bond C & Son Thornton Ashwater Warrsworth Devon (s)	Shorthorn
Bishop C W Greenway Farm Wick Bristol, Glos.	Shorthorn	Bond H Lower Poole East Allington Devon	South Devon
Bishop John Avington Hungerford Berks	D Shorthorn	Bond W S Elton Hall Bedford Suffolk	Friesian
Bishop Percy W Nonh ill Hall Burgh by Sands Cumb	Friesian	Bond J Great Collaton Blackdown Devon	South Devon
Bishop T D Water Farm South Godstone Surrey	Friesian	Bond John Vivian Corckett Wick St Oystn Essex	Friesian
Bishop T H Park Farm Hungerford Berks	Shorthorn	Bond R B The Red House Sproutthorpe Ipswich Suff (sp)	Red Poll
Bisop Miss W & H Glands Farm Rowdon Hamlet Essex	Guernsey	Bond W H The Farm Elmthorpe Northants	Devon
Biswell G St Andrews Taunton Somerset	D Shorthorn	Bone A J C Wlow Farm, Heidenham Norfolk	Friesian
Black Benjamin S The Rookery Great Ashl eld Bury St	Red Poll	Bone Maj G H K Jernads Sandford Orcas Sherborne	D Shorthorn
Edmunds Suffolk		Dorset	
Black George Fordwestfield Berr ck on Twerd Numb (h)	Jersey	Boneham F Milners Farm Lutterworth Rugby Warw (p)	Shorthorn
Black S T J R Bart M dham House Berks	Red Poll	Boneham M R Bone Knowle Cranleigh Surrey	Shorthorn
Black T J Rothneyke Egremont Cumberland	Jersey	Boniface John, Burghle Newbury Berks	Red Poll
Black Wm Widdowburne M Inthorpe Lancs (h)	Shorthorn	Bona Maj W D SO Aewold Revel Rugby Warw	Aberdeen Angus
Black Wm Woodlands Cuckfield Sussex	Friesian	Bonner Maur e T I Whitefoots Farm Warfield Berks	Friesian
Blackburn Farm Harrow Hall Nr Chester Cheshire	Guernsey	Bonsir A R The Farm Elmthorpe Northants	D Shorthorn
Blackburn H B Donhead Hall Shaftesbury Dorset (p)	Devon	Bonsir M R, Lympe Park L epton Buzzard Beds	Guernsey
Lancs		Booker B C Goosey, Farinford Be ks	D Shorthorn
Blackburn T Moss Hall Farm Out Rawcliffe Garstang	Shorthorn	Booker B M May Farm, Goosey Farinford Berks	Friesian
Lancs		Booker, Reginald Abbey Farm Goosey Farinford Berks	South Devon
Blackburne C I Valence Westernham Kent	Guernsey	Booth H R Higher Rev Marlborough Kinebridge Devon	South Devon
Blackburne H Ireland Head Hall Liverpool Lancs	Shorthorn	Booth J C Lenton House Lenton Nottingham	Jersey
Blackler H Headlong Tadcaster Yorks	Shorthorn	Booth George W ion Farm Lower Gravesham Beds (h)	Shorthorn
Blackler Sighon, St John, Yorks	Friesian	Booth R Antient Court Claverdon Warwick (sp)	Friesian
Blackett Sybney Conduit Farm East Haddon Northants	Friesian	Boyle W J Wootton Manor Hemley-on Thames	Guernsey
Blackett-Old J R Whit eld Hall Wilt eld Northumb	Galloway	Oxon	
Blackell F B Church Farm Ash ill, Thetford Norfolk (p)	Red Poll	Borthwick Hon A Woodcote House Woodcote Reading	Red Poll
Blackell D Coult Knapbridge Devon	South Devon		
Blackler R E Belvoir Haulston S O, Devon	South Devon	Borwick Col M Haselbeck Hill Hants	L R Shorthorn
Blacklocks H J & W Beach House Tydd Kent	Sussex	Bosquequet Robert Carr Rock Alnwick Northumb (d)	D Shorthorn
Blackmore J A Palmers, Claydon (Wiltonpton Drayon) (p)	Devon	Boston Miss Emily Manor Farm South Croxton Leicester	Shorthorn
Blackmore J F Restormel Harlow Essex	Guernsey	Boston Enoch, Southleigh Kenilworth Warw	D Shorthorn
Blackmore J F Hutterston Farm Wotton Cranston Glos (p)	Shorthorn	Boston William Brown elds Lichfield Staffs	Shorthorn
Blackes Alfred E Wraylands Ryeley Surrey	Shorthorn		
Blackie Mrs J H Roadhead Carl se Cumb	Galloway	Bosville Maj D J J Yew Tree House, Cranleigh Surrey	D Shorthorn
Black M R G Sunnydel Catton Allendale Northumb (s)	Shorthorn	Boswell Dr J W Tutor Lodge Lowestoft Suffolk (p)	Red Poll
Black R G Spence Northmoat Longdon Staffs	Blue Albion	Boswell T L Tivley Crawley Grange Newport Pagnell Bucks	Shorthorn
Black F C Woodham & Farm Kingsworthy Winchester	D Shorthorn	Bott A E J P Brunnington Lordship Stevenage	Shorthorn
Hants		Herts.	
Black & D South Harp Farm South Petherton Som. (p)	Friesian		
Black G G Hall Farm Walton-on-Hill Surrey	Friesian		
Black H Waver Bridge Farm South Petherton Som.	D Shorthorn		
Blackney Mrs M, West eld House Road Nr Bath Som.	Jersey		
Blackard T G, Manor Farm Durbage Wiltshire	D Shorthorn		

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Name and Address	Breed	Name and Address	Breed
Broomley, R. P., Birches Green Farm, Erdington Warwick	Shorthorn	Brown, W. K., Estate Office, Monk's Orchard, Beckenham Kent	Shorthorn
Broomley, Lem, Court Lodge, Groombridge, Kent	Jersey	Brown, Wm., Pheasants Clough, Upchurch Lane, Staffs	Shorthorn
Bromley, Wm., New Hall, Smethoth, Leagrass, Salop (h)	Hereford	Brown, Wm., Park Farm, Bosham, Hants	Shorthorn
Bromley Wilson, Sir Maurice, Bart., Dallam Tower, Mids	Shorthorn	Browne, M. J. A., Buckland Fillesh, Beaworth, Devon (h)	Devon
thorpe, Westford		Browne, C. B., Home Farm, Madrestrey, Malvern Link	D Shorthorn
Brooke, Mrs., Ufford Place, Woodbridge, Suffolk (h)	Red Poll		
Brooke Farm Co., Ltd., The Lodeon, North, Norfolk	D Shorthorn		
Brooke, R. I., Whistlow Farm, St. Asaph, Oxon (f)	D Shorthorn		
Brooke, Lord, Heathcote Home Farm, Warwick	Shorthorn		
Brooke & Wolfe, Whistlow Farm, Stepleton, Oxon	Shorthorn		
Brookes, E. K., Coombe Farm, Thatcham, Berks	Aberdeen Angus		
Brookfield, J. C., Condover Grange, Shrewsbury, Salop	Hereford		
Brooking, W., F. F., Furredon Marlborough Kingsbridge	South Devon		
Brooks, Alfred C., Hayes Farm, Old Soudley, Glos	Friesian		
Brooks C. R., Boothby Grange, Burgh RSO, Alford Lincs	L R Shorthorn		
Brooks, Charles N., Mistley, Essex	Jersey		
Brooks, G., The Hough, Malpas, Cheshire (p)	D Shorthorn		
Brooks, Hon. C. B., Whetton Loughborough Leicester (p)	D Shorthorn		
Brooks, George, Little Stannay, Nr Chester, Cheshire	Friesian		
Brooks, Harry Woodhoro Hill, Wolard, Leicestershire	Friesian		
Brookston, Glos			
Brooks, N. B., Rushton, Cotecroft, Tarporey, Cheshire	Ayrshire		
Brooks, N., Lichfield, Malpas, Yorks	Jersey		
Brooks W. & Sons, Mistley, Essex (p)	Friesian		
Brooks, Wm., Rose Farm, St. Asaph, Oxon	Shorthorn		
Brooksbank, Sir E. C., Heaulow Manor, Tadcaster, Yorks	Shorthorn		
Brooksbank, J. L., Shuthanger Tewkesbury Glos	Aberdeen Angus		
Broome, W., Wandulaw Farm, Preston Brook, Warrington	D Shorthorn		
Broomfield, M. F., New Farm, Allington Lane West End, Southampton, Hants	Gurnsey		
Broomhead, C. E. M., Stone Hill House, Normanton on Trent, Newark, Notts (h)	L R Shorthorn		
Broomhead Colton Fox, R. F. H., Durythorpe House, Malton, Yorks	Shorthorn		
Broomhill Collieries, Hashton Farm, Broomhill Morpeth Northumberland	Shorthorn		
Brougham, Hon. Wilfrid Brougham Hall, Penrith, Cumb	Aberdeen Angus		
Broughdon, D. R., Elving Hampstead Norreys, Newbury, Berks	D Shorthorn		
Broughton Jas F., Lebridge, South Perthshire, Scot	D Shorthorn		
Broughton W. H., Swines Farm, N Perrot, Crewkerne, Som	D Shorthorn		
Browell, W., Wad Grange, Embleton, Cockerham, Cumb (h)	Shorthorn		
Brown, A., Sandford, M. Wolverton, Basingstoke, Hants (p)	D Shorthorn		
Brown, A. T., The Laurels, Newhall, Northwich, Cheshire (p)	Friesian		
Brown, Trustees of Sir A. H. Bart, Broome Hall Farm, Holmwood, Surrey	D Shorthorn		
Brown, A. H., Coppins Hill Farm, Clacton on Sea, Essex	Friesian		
Brown, Messrs. A. J., Haydon Hill, Aylesbury, Bucks (h)	Friesian		
Brown, A. M., Clodons, Halesworth, Taunton, Som	D Shorthorn		
Brown, S. E., The Home Farm, Little Aston, Staffs	D Shorthorn		
Brown, Albert C., The Gables, Fernhill, Heath Worcester	Shorthorn		
Brown, C. & Son, Park Place, Hereford, Middlesex	Hereford		
Brown, C. A., Merton, Bicester, Oxon	Shorthorn		
Brown, C. H., Boscage Hill, Aynock, South Brent, Devon	South Devon		
Brown, Charles, Isington Hall, King's Lynn, Norfolk (h)	L R Shorthorn		
Brown, E. A., Model Farm, Norwell, Newark, Notts	L R Shorthorn		
Brown, Edward (Lxors of) Thurlby, Bishby, Alford, Lincs	L R Shorthorn		
Brown, Everett A., Norwell, Newark, Notts (h)	L R Shorthorn		
Brown, P., Beech Tree Farm, Lime Tree Rd., Matlock Derbyshire	Blue Albion		
Brown, F., Shalford Farm, Drimpton, Reading, Berks	D Shorthorn		
Brown, Mrs. F. A., Bourton Hill, Isle of Wight, Marsh, Glos (p)	Dexter		
Brown, P., Kingston Farm, Chalfont, Isle of Wight	Shorthorn		
Brown, G. H., Swaythling Farm, Swaythling, Southampton, Hants	Shorthorn		
Brown, G. J., Stansby, Ashby Puerorum, Horncastle, Lincs	L R Shorthorn		
Brown, G. J., Hill Court Farm, Nidham, Reading, Berks	D Shorthorn		
Brown, S. C., Gage Court, Ash, Canterbury, Kent (p)	D Shorthorn		
Brown, Mrs. George, Hithorpe Farm, Hildesburgh, Yorks	D Shorthorn		
Brown, J. A., Croft House, Gredon, Atherstone, Warwick (p)	D Shorthorn		
Brown, Gen. H. C., Holmshush, Farnham, Sussex (p)	Shorthorn		
Brown, H. H., Valley Farm, Helmingham, Suffolk	Shorthorn		
Brown, H. M., Woodage, Grange, Cockerham, Durham	Friesian		
Brown, H. W., Mount Pleasant Farm, Hildesburgh, Staffs	Friesian		
Brown, Hugh, Junr, Donnington Manor, Chichester, Sussex	Friesian		
Brown, J. G. W., Hagmaby House, Alford, Lincs	L R Shorthorn		
Brown, J. J., Jay Mill, Clacton on Sea, Essex (p)	Friesian		
Brown, J. H., Hartford, Kent, Essex (h)	Shorthorn		
Brown, Harold, Sywell House, Northampton, Kent (h)	Shorthorn		
Brown, James, Great Shillford, Lambourn, Berks	Shorthorn		
Brown, James D., Jubbe Farm, Dodder, Wexford, N. Hants (h)	Shorthorn		
Brown, J., Croft House, Keworth, Carlisle, Cumb (h)	Friesian		
Brown, J. L. & Son, Trumark, Hartley, Dorset Cornwall (h)	Friesian		
Brown, Percival J., Digby Manor, Lincoln	L R Shorthorn		
Brown, Richard, Kuyton Hall, Kuyton, W. Towns, Salop (h)	Shorthorn		
Brown, Richard, W. Hill Farm, Kibberville, Cumberland	Shorthorn		
Brown, R. A., Clifton Farm, Hildesburgh, Cheshire (h)	Shorthorn		
Brown, T. H., Chequer Court, Ash, Canterbury, Kent (h)	Red Poll		
Brown, Thomas & Son, Marham Hall, King's Lynn, Norfolk	Friesian		
Brown, Thomas, South Dunnington, W. House, Dalton, Yorkshire, Northumberland	Friesian		
Brown, Thomas & Son, Marham, Avenham, Market North (h)	Red Poll		
Brown, W., Chesters, Priory, Peterborough, Northants	D Shorthorn		
Brown, W. H., Bevis Hall, Woking, Surrey	Shorthorn		
Brown, W. H., Mill Hill, Coxwold, Yorks	Shorthorn		
Brown, W. K., Estate Office, Monk's Orchard, Beckenham Kent	Shorthorn		
Brown, Wm., Pheasants Clough, Upchurch Lane, Staffs	Shorthorn		
Brown, Wm., Park Farm, Bosham, Hants	Shorthorn		
Browne, M. J. A., Buckland Fillesh, Beaworth, Devon (h)	Devon		
Browne, C. B., Home Farm, Madrestrey, Malvern Link	D Shorthorn		
Browning, A., Heathfield, Berkeley, Glos	Gloucester		
Browning, H. S. & Co., Nash End Farm, Stonehouse, Glos	Gloucester		
Brownlow, The Lord, Belton House, Grantham, Lincs (p)	Shorthorn		
Browning, Admiral Sir D. E. R., Bart, White Waltham, Berks	Jersey		
Brownrigg, Sam, Wilbeck Hall, Keswick, Cumberland (h)	D Shorthorn		
Browne, S. Southwood, Streets Dartmouth, Devon	South Devon		
Brice, R. J., Fimhurst Farm, Slim, Sussex	Jersey		
BRUCE, CAPT. W. M. C. B. E. Hasley Manor, Wallingford, (p)	Jersey		
BRUDENELL, GEO., Deane Park, Peterborough, N. Hants (h)	Scot. Shorthorn		
Brudenell, Mrs. Deane, Park 1, Eberborough, Northants	Gurnsey		
Bruford, Rev. Henry, Nemoles, Taunton, Somerset	Devon		
Bruford, Wm., Tolland, Wiveliscombe, Somerset	Devon		
Brumhead, E., Loddington, Lutterworth, Northants (h)	Shorthorn		
Brundrett, Walter, Grandacre, Waltham, Canterbury, Kent (h)	Shorthorn		
Brurger, Miss H. M., The Cottage, Sandring, Nr Maidstone, Kent	Jersey		
Bruton, W. T., Budey Pitt, Monmouth	D Shorthorn		
Bruty, W., Glynes The Lordship, Much Hadham, Herts	Gurnsey		
Brurmer, Randall, Mrs. A. C., Ivy House Farm, Odstone, Market Bosworth, Nuneaton, Leics	Friesian		
Bryan, L., Stanwishes, Chipping Sodbury, Glos	Shorthorn		
Bryant, Henry & Sons, Wellington, Somerset	Devon		
Bryan, W. C., Bewick, Bradport, Dorset	D Shorthorn		
Bryant, W. C. Street Farm, Boxmoor, Hertford	Gurnsey		
Bryant, Wm., Fines Leigh, Nr Westbury on Trym, Glos	Friesian		
Bryce, Albert C., Meadow Bank, Siddington, Cheshire	Shorthorn		
Byrdon, Frederick, Stonegrave, Milton, Yorks	Shorthorn		
Byrdon, W. C., Claxby, Darlington, Co. Durham	Shorthorn		
Buchanan, D., Springfield, Newark on Tweed, Northumb	Ayrshire		
Buchanan, J., Preston, Shorthorn, Kent	Shorthorn		
Buchanan, W. A., The Hollies, Watnall, Notts (h)	L R Short		
BUCHANAN, W. G., Manor House Farm, Abernethy, Moray, Scot	Hereford		
Buck, S. & Son, Sycamore Farm, Raveningham, Norfolk	Red Poll		
Buckingham, W. T., Landkey, Barnstaple, Devon (h)	Devon		
Buckland, H., Chilmington, Great Court, Ashford, Kent (h)	Shorthorn		
Buckland, H. W., Wythevale Park, Worcester	Hereford		
Buckley, N., Manor House, Buckland Rupes, Dorchester, Dorset	Gurnsey		
Buckley, W. B., Mountsmead Manor, Basingstoke, Hants (h)	Shorthorn		
Buckmaster, Mrs. J., Manor Farm, Old Linslade, Leighton Buzzard, Beds	Gurnsey		
Bucknell, M., The Grange, Taunton, Somerset	Gurnsey		
Bucknell, A. W., Foresters Farm, Aldenham, Berks	D Shorthorn		
Bucknell, B. J., Cannington, Bridgwater, Somerset	Shorthorn		
Bucknell, B. J., Holcombe Roma, Wellington, Somerset (h)	Devon		
Bucknell, J. H., Hill Farm, Taunton, Somerset	D Shorthorn		
Bucknell, John, Colley Farm, Reading, Berks	D Shorthorn		
Buld, H. C., Grey coats, Leamington Spa, Warwickshire	Blue Albion		
Bull, John Evelyn, Tiedbrook Manor, Wadhurst, Sussex	Sussex		
Budden, A. B., Grange Farm, Wimborne, Dorset	Red Poll		
Budgett, W. B., Henbury, Bristol, Glos	Jersey		
Bullock, Miss E., Twyford Farm, Leck, Truro, Cornwall	Gurnsey		
Bullard, Col. Gerald T., Northrepps, Newich, Norfolk (p)	D Shorthorn		
Buller, Sir M. E. M., Bart, Broomhill, Spratton Northamp (p)	D Shorthorn		
Buller, Capt. M. L., Downes, Crediton, Devon	Devon		
Bulley, W., Higher Donstone, Newington, S. Devon	South Devon		
Bullock, J. C., Hartle, Court Farm, Three Mile Cross, Reading, Berks	D Shorthorn		
Bullivant, Percy J., Tunworth, Basingstoke, Hants	Gurnsey		
Bullock, Miss J., Dryden Lane, Farnham, Surrey (h)	D Shorthorn		
Bullock, J. H., Gage Court, Ash, Canterbury, Kent (h)	Shorthorn		
Bullock, H. J. & Co., Ltd., Hereford	Hereford		
Bulmer, Edwin H., Ford House, Wellington, Somerset (h)	Devon		
Bunting, S., Tollerbury, Wotton, Essex	Shorthorn		
Burbridge, Sir W. W., Bart, Cisswood Cottage, Manning, Heath, Hants, Sussex	Shorthorn		
Buchanan, J. O., Manor House, Aston Flamville, Hantsley, Leicestershire (h)	L R Shorthorn		
Burden, Henry John, Brambles, Otford, Essex, Kent	Shorthorn		
Burge, R. C., Hildesburgh, Northampton, Kent (p)	D Shorthorn		
Burge, J. R., Hildesburgh, Northampton, Kent (p)	South Devon		
Burgess, F., Clarendon, Robertsbridge, Sussex	Shorthorn		
Burgess, J. W., Heimes, West Hanningfield, Chelmsford, Essex	Friesian		
Burge, T. J., Leeds Northcourt, Sherwell, Newport, Isle of Wight	Jersey		
Burkshaw, A. C., Park House, Hatfield, Gurnsey Lines (h)	L R Shorthorn		
Burke, R. C., The Rectory, Drayton, Beauchamp, Aylesbury, Bucks	Jersey		
Burkitt, William, Grange Hall, Bishop Auckland, Durham	Shorthorn		
Burton, R. F., Laton Hill, Leamington, Hereford (p)	Jersey		
Burn, The Glen, Thame, Oxon	Gurnsey		
Burnett, C. & W., St. Nicholas North Molton, Devon (h)	Gurnsey		
Burness, Walter, The Lodge, Farnham Royal, Nr Slough, Bucks	Gurnsey		
Burnett, C., Dapfenrean, Desford, Leicester	Shorthorn		

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Name and Address	Breed	Name and Address	Breed
Chynoweth, J., Atlas Hall, Abbeys Road, Ogar, Essex (A)	Shorthorn	Cooker, John, War, Bishopscote, Teignmouth, Devon (A)	South Devon
Clapham, C. W., Wensley Hill, Weston, Yorks (A)	Shorthorn	Cooker, John, Kingsley, Kingswear, Dartmouth, Devon (A)	South Devon
Clapham, G., Beechbrook House, Sherborne, Dorset (H)	Gurnsey	Cooker, John, Woodbury, Dartmouth, Devon (A)	South Devon
Clapham, J. A., Compton House, Compton Greenfield, Nr. Bristol Glos	Gurnsey	Cooker, R. G., Trestell Farm, Harberton, SO, Devon (A)	South Devon
Clapham, M. V., Grove House, Bromesborough Heath, Eynesbury, Cambs	Friesian	Cooker, R. H., Flood Barton, Dartmouth, Devon (A)	South Devon
Clapham, R. A., Oaklands, Beeston, Yorks (A)	Shorthorn	Cooker, W., Charlton Court, Kimsbridge, Devon (A)	South Devon
Clark, John & Son, Manor Farm, Oak Tannin, Somers (A)	Devon	Cool, J., Grimshaw Hall Farm, Grimshaw, Friesian (A)	Shorthorn
Clark, A. L., Court Lodge, Gl. Chart, Ashford, Kent (A)	Shorthorn	Cool, J., New Tree Farm, Liskeis, Devon, Lancs (A)	Shorthorn
Clark, Mrs. A. R. S., Broomfield Farm, Woodlands, Wymondsbury, Glos (A)	Shorthorn	Coates, I., Hinchfield, Deane, Lancs, Cockerham, Cumb (A)	Shorthorn
Clark, J. L., Homers Farm, Castle Cary, Somerset (A)	Shorthorn	Coates, G. W., The Ridge Farm, Cokerham, Wilts (A)	Shorthorn
Clark, G., Asherton Castle, Brampton, Cumberland (A)	Shorthorn	Coates, J. D., Greave Hall, Laisford, Lancs (A)	Shorthorn
Clark, G., Foster, Bouchton Manor, Maidstone, Kent (A)	Galloway	Coates, S. L., Lishfield Farm, Lumbleigh, Devon (A)	Shorthorn
Clark, H., Brammer Farm, Bolton, Nr. Harrogate, Yorks (A)	Gurnsey	Coates, W. L., The Mall, Shorliff, South Devon (A)	Shorthorn
Clark, H. J., Clifton House, Clifton, Newton, Devon (H)	Friesian	Cobb, G., The Pipers, Laxton, Green, Watford, Herts (A)	Friesian
Clark, H. V., Mungtree, Sutton House, Lewes, Sussex (A)	Shorthorn	Cobb, W. A., Longwood, Winchester, Hants (A)	Shorthorn
Clark, J. P. S., Broadhurst Manor, Horsted Keynes, Sussex (A)	Shorthorn	Cobbold, A. H., Acton Hall, Sudbury, Suffolk (A)	Red Bull
Clark, J. W. W., Kilton Farm, Worksop, Notts (A)	Shorthorn	Cobley, J. & L., Stancombe, Harberton, Totnes, Devon (A)	South Devon
Clark, R. J., The View, Sharnford, Lincoln (A)	Shorthorn	Cochrane, Mrs. Athelstan, Dorchester, Dorset (A)	Red Bull
Clark, Robert, Malt kiln Farm, Liversham, Lancs (A)	Shorthorn	Cock, J., College Farm, Roswell, Devon, 1st Devon (A)	Shorthorn
Clark, T. F., Tuckers Hall, Newton, Rutland, Leicesters (A)	Blue Albion	Cock, J. H., Prestbury Park, Cheltenham, Glos (A)	Shorthorn
Clark, Thomas W., Rosedale Westgate, Hornsea, Yorks (A)	Friesian	Cock, J., Hestonfield Farm, Cleveley, Lancs (A)	Shorthorn
Clark, W. Dodman Barton, St. Clements, Truro, Cornwall (A)	South Devon	Cock, R., Rosall, Colgrave, Fleetwood, Lancs (A)	Shorthorn
Clark, Mrs. A. L., The Farm, Walton, Wellingbourne, Warwick (A)	Shorthorn	Cocksham, Mrs. S. Low Mill, Truro, Cornwall (A)	Shorthorn
Clarke, Adam, Laundry Farm, Hayle, Cornwall (A)	Gurnsey	Cocksham, S., Budbrook Lodge, Lark, Warwick (A)	Shorthorn
Clarke, C. S., Tracy Park, Wick, Bristol Glos (A)	D. Shorthorn	Cockram, A., Shorton, L., Warkleigh, Unst, Shetland, Devon (A)	Gurnsey
Clarke, Daniel, Lifford, Harbottle, Lancs (A)	Friesian	Cockram, I., Burton Farm, Mollard, South Molton, Devon (A)	Devon
Clarke, F. J., Old Peck Farm, North Hadham, Herts (A)	Devon	Cockram, W., Culver Street, Sturminster, Bridgwater, Som (A)	Devon
Clarke, E. R., Hulseby, Widdowby, Hopton, Devon (A)	Shorthorn	Cockram, S., Shutterford Farm, Starcross, Devon (A)	South Devon
Clarke, F. W., Freeland Hall Farm, Lichfield, Staffs (A)	Friesian	Cock, A. H., Foynt's Skimmet Farm, Henley-on-Thames, Oxon (A)	Park
Clarke, F. W., Hamnams Hall, Tending, Essex (A)	Gurnsey	Cocks, J. L., Kingsley Hill, Warbleton, Nr. Heathfield, S. Yorks (A)	Friesian
Clarke, Dr. H. H., Begunston Ho., Durrington, Salisbury, Wilts (A)	Gurnsey	Cocks, R. L., Old Peck Farm, North Hadham, Herts (A)	South Devon
Clarke, Herbert G., Forest View, Huncley, Leicesters (A)	L. R. Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarke, J., Grange Farm, Singleton, Poulton-le-Fylde, Lancs (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarke, J. A., Hawkhead Hall, Amblede, Westmorland (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarke, J. E., The Chestnuts, Attleborough, Norfolk (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarke, J. W., Bradwell, Hildesheim, Devon (A)	D. Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarke, Joseph, Park Hill Farm, Tring, Herts (A)	Devon	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarke, R. A. & Sons, Chiselborough Manor, Stoke u. Ham, Som (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarke, Col. S. R., Torde Hill, Cuckfield, Sussex (A)	Sussex	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarke, Exors. of W. T., Conby House, Leicester (A)	L. R. Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarkson, J. N., Owen House Farm, Motherley, Cheshire (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarkson, Sydney, Scarborough Farm, Rotherham, Yorks (A)	Abendun Angus	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarkson, Sydney, Rotherham Lodge Farm, Orange, Helmsley, Cheshire (A)	Friesian	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarkson, W. H., The Ridge Farm, Thrusington, Leics (A)	Friesian	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarkson, Wharfedale, Painswick, Weymouth, Yorks (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clarkson, W. L., Lundehill, Ingleton, Yorks (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clatworthy, J., Island Cussey, Trill, Tamboon, Som (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clay Cross Co., Concy Green Farm, Clay Cross, Chester, Derby (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clayton, J., Gurnsey, Brook Hall, Tattershall, Cheshire (A)	D. Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clayton, John, Knowles Fold Farm, School Green, Thornton, Nr. Bradford, Yorks (A)	Friesian	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clayton, Thos., The Cedars, Castle Bromwich, Warrms (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clayton, W. J., Deeping St. Nicholas, Spalding, Lincs (A)	L. R. Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clayton, W. J., Wensley House, Welby, Walsby, Cambs (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn
Clayton, W. J., Wensley House, Welby, Walsby, Cambs (A)	Shorthorn	Cocking, J. I., Quaker's Heath, Hindon, S. Yorks (A)	Shorthorn

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Name and Address	Breed	Name and Address	Breed
Davies, Henry, Flint Hall, Godstone, Surrey	D	Devas, H. G., Igham Warren, Sevenoaks, Kent	Jersey
Davies, J. H., Rectory Farm, Appleby Magna, Staffs	†	Devereux, Hon. Mrs., Hampton Court, Leamington, Hereford	Hereford
Davies, J. H., Rectory Farm, Appleby Magna, Staffs	(S)	Devereux, The Duke of, Chiswick, Derbyshire	Shorthorn
Davies, R., Rectory Farm, Pempersham, Abercromby, Mon	Hereford	Dewar, Ernest M., Ringstead, King's Lynn, Norfolk	Guernsey
Davies, W. H. D., Pigeon House, Weston, Hereford	Hereford	Dewar, John W., Preston Manor, Lavenham, Suffolk	Red Poll
Davis, Mrs. William, The Field, Hampton Bishop, Hereford	Hereford	Dibben, Harry, Heston Hill, Chilworth, Romsey, Hants	Guernsey
Davis, B. Lily Place, Fraint, Tunbridge Wells, Kent	†	Dickens, W. C., The Rectory, Bawtry, Lincoln	Shorthorn
Davis, Col. D. S., Salt Hill Farm, Slough, Bucks	†	Dickens, E. C., Castle Hill Farm, Berkhamshead, Hereford	Red Poll
Davis, L. H., Bruce, St. Martin, Teals, Wilts	†	Dickens, P. B., Pasture Farm, Darton, Aylesbury, Bucks	Friesian
Davis, Edmund, Chatham Castle, Nor. Canterbury Kent	Guernsey	Dicker, Chas. H., Wooperton, Northumberland	(A) Shire
Davis, Edward H. K., Lytle Stoke, Pateaway, Bristol, Glos.	Friesian	Dickinson, A., Force Forge, Harthwaite, Ulverston, Lancs	Shorthorn
Davis, K. D. Randall, Manor House, Thibhead, Wills	Guernsey	Dickinson, George, Carr Mills, Cart in Cartmel, Lancs	Shorthorn
Davison, J., East House, Ackleton, Northumberland	Friesian	Dickson, Hargrave, Lanchester, Lancs	Friesian
Davison, J., Roseville, Scruburns, Greenhead, Ryton-on-Tyne	Friesian	Dickson, S. Cherry Hill Farm, Silverdale, Staffs	Friesian
Co. Durham	Shorthorn	Dickson, T., Low House, Heskett Newmarket, Wigan, Cumberland	Shorthorn
Davey A. E. Cawwell, Louth, Lincs	(P)	Dickson, Walton, Bridge End, Alston, Cumberland	Shorthorn
Davey, Mrs. Rachel, Cample Haye, Nr. Tavistock, Devon	L. R. Shorthorn	Dickson, Wm., Brownsdale, Alston, Cumberland	Shorthorn
Dawe, R. Junr., Cadson Farm, Cullington, Cornwall	Shetland	Dickson, Lt. Col. G. F. H. Stock Park, Lakeside, Ulverston, Lancashire	Shorthorn
Dawe, R. Lord Farm, Sledham, Damerall, Tavistock, Devon	South Devon	Diddington Estates Co., Ltd., Diddington, Brandon, Norfolk	Red Poll
Dawe, W. J. Trythall, New Mill, Penzance, Cornwall	Guernsey	Dietz, Col. B. R., Withycombe House, Withycombe Raleigh, Exmouth, Devon	South Devon
Dawe, W. W., Langford, Tavistock, Devon	Shorthorn	Digby, Maj. Lord, D 50 H C. Muntenne, Dorset	Jersey
Dawson, May, Gb. G. P., Longparish Home Farm, Litchurch, Dorset	Friesian	Digby, Maj. Lord, D 50 H C. Muntenne, Dorset	Guernsey
Dawson, Com. Sir A. T. R. N., Edgewarebury House, Elstree, Herts	†	Dillon, M. St. Sp's, Charlbury, Oxon	Welsh Black
Dawson, Ben, New Appleton, Yorkshire	D	Dummock, J. B., Shottford Hall, Harleston, Norfolk	Red Poll
Dawson, F. Arley, Bedford	Shorthorn	Dingle, J. N., Butlas, Plympton, Devon	D
Dawson, Mrs. G. B., Burman Hall, Kings, Westbury, Camb	Shorthorn	Dinning, John R., Brownston, Dalton, Carlisle, Cumb	Friesian
Dawson, J. Field House, Penrith, Cumberland	Shorthorn	Dishmore, W. C., Walton Hall, Burton-on-Trent, Staffs	Devon
Dawson, J. R., Wrangle Bank, Boston, Lincs	L. R. Shorthorn	Disney, George, Houndstall, Uffculme, Devon	Devon
Dawson, J. W., Thwaite Hall, Grey-stoke, Penrith, Cumb	Shorthorn	Disney, James, Mountstephen, Uffculme, Devon	Shorthorn
Dawson, Samuel, Dutch Farm, Chelmsford, Derby	Shorthorn	Dixon, W. G., Wansbury, Kirkcaldy, Carlisle, Cumb	Aberdeen Angus
Dawson, T. Silchester Farm, Conder Green, Galgate, Lancs	Shorthorn	Dixon, A. E., Harringworth, Kettering, Northants	Shorthorn
Dawson, Thos. Farm, Long, Wary, Lancs	Friesian	Dixon, A. Bank Head, Wighton, Cumberland	Guernsey
Dawson, V. J., Field House, Penrith, Cumberland	L. R. Shorthorn	Dixon, Maj. A. C. H., Holmurst, Burley, Hants	Friesian
Dawson & Freeman, Horsham Hall, Barton on Humber, Lincs	Sussex	Dixon, A. J., Houghton Hall, Cavendish, Suffolk	Guernsey
Day, Alfred, Great Tong Farm, Headcorn, Kent	Guernsey	Dixon, C., Arundel House, Winchester Road, Southampton, Hants	Guernsey
Day, May, B. Hush, Brough, Hants	Friesian	Dixon, Mrs. C. H. Gunthorpe, Oakham, Rutland	Shorthorn
Day, Edward, The Thorn, Marden, Kent	D	Dixon, C. H., Low Conscience, Darlington, Co. Durham	Shorthorn
Day, H. A. The Home Farm, North Park, Crawley, Sussex	D	Dixon, G. W., Moor End, Holmrook, Cumberland	Shorthorn
Day, J. Jun., Stone House, East Penarth, Shepton Mallet	Red Poll	Dixon, H. W. & E., Town End Hall, Whitebeck, Bootle, Cumberland	Shorthorn
Day, Reginald, Terrace House, Newmarket, Suffolk	Friesian	Dixon, Isaac D., Bishopside, Allendale, Northumberland	Shorthorn
Dearen, J. H. W., Mableton Park, Tonbridge, Kent	Shorthorn	Dixon, J. L., Scale Hall, Lancaster, Lancashire	Shorthorn
Dean, F. W., Kugbury, St. Albans, Herts	Shorthorn	Dixon, J. T., The Power, Wighton, Cumberland	Shorthorn
Dean, Guy A., New Tree Farm, The Wages, Wolverhampton, Staffs	Friesian	Dixon, John, Johnny Hall Farm, Penrith, Cumb	Guernsey
Dean, W. & Sons, Heath House, Nocton, Lincoln	L. R. Shorthorn	Dixon, J. V., Vane, Ferry Parks, Chilworth Road, Shirley, Southampton, Hants	Shorthorn
Dean, S. E., Lavendon, Lascote, Shroton, Lincs	Jersey	Dixon, Robert, Denesne Farm, Ebechester, Co. Durham	Friesian
Dean, W. M., Greenways, Sundridge, Berks	L. R. Shorthorn	Dixon, W. H., Leach House, Galgate, Lancashire	Shorthorn
Death, Wm. J., Presford Farm, Shorncliffe, Isle of Wight	Guernsey	Dobell, Oswald, Leaburst, Weston, Chester	Shorthorn
Debenham A. E., Latham Park, Ormskirk, Lancs	Shorthorn	Dobell, H., Hestington, Louth, Kent, Wm. land	D
Debenham E. R., Briant, Ryde, Dorchester, Dorset	Shorthorn	Doble, P., Galmpton, Braxham, Devon	South Devon
Deley, W., Manor Farm, Sialstone, Buckingham, Bucks	D	Dobson, A. T., The Birks, Mansergh, Kirby, Lonsdale, Westmorland	Shorthorn
Deley, R. P. St. M. Bosworth Park, Nuneaton, Warw.	Guernsey	Dobson, C., Low Surch, Helington, Kendal, Wm. land	Shorthorn
Deley-Raddcliffe, Mrs. J. A., Shenley House, Dursley, Kent	Shorthorn	Dobson, C., Low Surch, Helington, Kendal, Wm. land	Shorthorn
Demetriou, Sir Stephen, Street Hill, Farm, Palmer, Str.	Shorthorn	Dobson E. A., Gentsburgh, Fernhurst, Sussex	Blue Albion
Denby, Mrs. S., Woodend Farm, Dymock, Glos	Shorthorn	Dobson, F. E. C., Dromonby House, Stokesley, Yorks	Shorthorn
Denchfield, W. H., Burston House, Aylesbury, Bucks	Shorthorn	Dobson, Mrs. M., Larkring, Helington, Kendal, Wm. land	Shorthorn
Denham, G. A., 12, 2nd Avenue Road, Newbury, Berks	Shorthorn	Dobson, P., Manor Farm, Ridgeway, Market Drayton, Salop	Blue Albion
Denham, Pender, Maj. H. Strangways, Marthall, Blandford, Dorset	D	Dockens, Henry, Southolt, Mordard Bishop, Devon	Devon
Denman W. F., Oddington Grange, Islip, Oxon	L. R. Shorthorn	Dodd, C. H., Arkley, Holyport, Maidenhead, Berks	Jersey
Denmett, J. A., Binbrook, Lincs	Shorthorn	Dodd E. H., Home Farm, Dursley, Gloucestershire	Shorthorn
Denney, Mrs. K., Mickle Farm, Ham Shepton Mallet, Som.	Shorthorn	Dodd, G. H., G. H. Farm, Turve, Bedford	L. R. Shorthorn
Denney, R. F., True Love Farm, Shaugh, Rotherham, S. O.	South Devon	Dodd, M. R., Moscow, Gilsland, Cumberland	Galloway
Denzie W. & Sons, Ltd., Airtton, Boston, Lincs	L. R. Shorthorn	Dodd, Wm., Combyhead, Wark, Northumberland	Shorthorn
Denzie, W. H., Vintner's Farm, Weavington, Maidstone, Kent	Friesian	Dodding R. M., Paradise Farm, Shaftesbury, Dorset	Shorthorn
Denzie			

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Name and Address		Breed	Name and Address		Breed
1rost, J., Orchardlea Raglan Monmouth		Hereford	Geary, K., Stoke Golding Nuneaton Warw		Blue Albion
1rost, J. A. R. P., New Hall Farm Sutton Coldfield (ph)		Longhorn	Gester, J. T., The Rookery Farm, Carlton, Saxmundham (ph)		Red Poll
1row, H. H., Gibraltair Farm Fittle Leazes Sussex		Shorthorn	Gibbs, A., Carraghren Chew Magna, Bristol Glos		Dexter
1ry, Cecil Grove House Trenchard, Devon		Friesian	Gee, F., Holmehurst, Thorthams King's Lynn Norfolk		Friesian
1ry, Harold W., Bradenstoke Abbey, Wilts		Jersey	Gee, P., Brackenrigg, Church Road Low Col. Durham		Shorthorn
1ry, I. H., Great Ashdown Farm Wiltshire, Somerset		Jersey	Gemmell, Lt Col S., Peatling Hall, Luttworth, Rugby		Jersey
1ry, Walter, Quatiz Farm Wiltshire, Somerset		Kerry			D Shorthorn
1ry, A. J., Lands Farm, Broadbottom, Mottarm Ches		Aschire	Gemmell Mrs Janet, Baldens, Ongar, Essex		D Shorthorn
1ryer W. J., C. H. E., Holme Park, Sonning Berks (ph)		Friesian	Genge, Mark W., Fonthill Gifford, Tisbury, Wilts		Friesian
		Guernsey	George, H. Cleveland Farm Longcroft, Farnington, Berks		Jersey
		Shorthorn	George, Mrs M. A., Norton House Norton St Philip		
		Devon			Shorthorn
Fulker, Harry, Aldburgh Hall Suffolk		Devon	George, W. J., Watts Farm Gt Hinton Towbridge, Wilts		D Shorthorn
Fulker, Mrs R. F., Great Chalfield Melksham Wilts (ph)		D Shorthorn	Gerrard, George, W. J., Hall Farm Huddington, Worcester (s)		D Shorthorn
		Jersey	Gerrard, J. J., Crook Farm Glasson Dock Lancashire		Guernsey
Fuller, Mrs Robert Great Chalfield Melksham, Wilts (ph)		South Devon	Gibbs, Edward Carrallack House, St Just S. O., Cornwall		Sussex
Furneaux, J., Hole Farm Askeby Devon		South Devon	Gibb, Alfred Little Fell Farm, Sussex		D Shorthorn
Furneaux, Francis Berry Barton Berry Pomroy Totnes		South Devon	Gibbins, W. H., The Old Park Farm, Devizes, Wilts		Devon
		South Devon	Gibbins, T. J., Domford, Watchet Somerset		Dexter
Furneaux, J. E., High Cross Looe Devon		South Devon	Gibbins Mrs T. L., Low Rank Ground, Coniston Lake, Lancs		D Shorthorn
Furneaux, L. W., Devon Torquay Totnes Devon		Shorthorn	Gibbons, H. H., The Model Farm, King's Langley Herts		Red Poll
Furness, C. L., Newlands Manor Rye, Sussex		Friesian	Gibbs, A. G., Hall Farm Haveringland, Norwich, Norfolk		Friesian
Furness, L. H., Hamels Park Bathurst Herts		Shorthorn	Gibbs, B. C., Woodside Farm Quorn Leics		Devon
Furness, J., South Downs Calthwaite Carlisle Cumb		D Shorthorn	Gibbs H. W., Nutwell, Lymington, Devon		Shorthorn
Furness, John F., Hroldale Holley Surrey		Shorthorn	Gibbs, R. S., North Farm, Barton Mangotsfield, Glos		Friesian
Furness, T. Newton Resing Perthshire		Friesian	Gibbs, Lt Col W. C., Home Farm, Barrow Gurnsey Som		Shorthorn
Furness, W. S., Cedar Farm Ecclestone, Huddersfield Yorks (ph)		Blue Albion	Gibson Mrs, Carbury Fm, Piercebridge, Darlington Durham		D Shorthorn
Furness, C., Mea Low Lane Farm Whitley Wood Sheffield		Guernsey	Gibson H. A., Flaxstead Farm, Derby		
		Shorthorn	Gibson, J. H. S., The Home Farm, Longville, Much		Guernsey
Furze, Wm King Old House West Horthy Sussex (ph)		Shorthorn	Gibson, Laurence, Ducks Farm Kirby Misperton, Yorks		Shorthorn
		Friesian	Gibson, W. M., Walton Warren, Overton, Buntingford		Ayrshire
Furze, Stanley J., Tindack Hall Tiptree Essex		D Shorthorn	Giddings W. R., Willesey Warren Overton, Buntingford		D Shorthorn
Furze, A. Co. Lake Salisbury Wilts		Red Poll			Shorthorn
Futter B. M., Ashdown Farm Farm Marham Norfolk		Red Poll	Gifford, J. J., Foxton Bay Royston, Herts		Shorthorn
Futter L. J., Moat Farm Belvedere Road Ipswich, Suff		Red Poll	Gifford, T. C., Grove Farm Castle Carey, Somerset		Friesian
			Gilbert, Alfred Belmont, Milswood, Walsdale, Kent		Shorthorn
			Gilbert, Lady Beryl, Revelsby Abbey, Boston, Lincs (ph)		Friesian
			Gilbert, I. W., The Manor, Chellerton, Derby (ph)		Hereford
			GILBERT, W., Kinnersley, Hereford		Shorthorn
			Gilbert W. H., Holly Hurst, White House Common		Friesian
			Sutton Coldfield Warw		
			Gilbert W. H., The Cottage, Ashton Flamville, Hants		Friesian
			Gilders, Edwin J., Normanhurst, Manne Parade West		L R Shorthorn
			Clacton, Essex		South Devon
			Gilding W. H., Sherford Down, Kingsbridge, Devon		Ayrshire
			Gilholm & Fenwick Esbott North East House, Telfon		
			Morpeth, Northumberland		Devon
			Gill, A. J., Greenfield, Wyntree, Cullumpton, Devon		Friesian
			Gill, A. J., Greenfield, Wyntree, Cullumpton, Devon		Friesian
			Gill, George G., Manor Farm, Broadway, Dorchester		South Devon
			Gill, R. G. Penquill, Emington S O, Devon		Friesian
			Gill, Richard, Coltham Farm, Poulton, Pufford, Cheshire		Blue Albion
			Gilliam, Elias W. Allet Farm, Poulton, Pufford, Cheshire		Red Poll
			Gillet, Edward, Ridge Wood, Chorley, Lancs		Red Poll
			Gillet, Edward, Ridge Wood, Chorley, Lancs		Devon
			Gillet, Edward, Ridge Wood, Chorley, Lancs		Friesian
			Gillet, Henry, Long Run Bishop's Hull, Taunton		Shorthorn
			Gillingham, Chas E., Borders Farm Ectingham Shropshire		Shorthorn
			Gillingham, H. & Son, Manor Farm Hayden Shropshire		Shorthorn
			Dorset		Dexter
			Gillingham, Harold, Court Farm, Tillinghurst, Sussex		Friesian
			Gilman, Gen Godfrey, Ryk Bank House, Hinton, Hereford		Welsh Black
			Gilman, Col G. Lingen Hall, Brompton Devon		Aberdeen Angus
			Glad		

Name and Address	Breed	Name and Address	Breed
Goddard, R. J., Kennet Holme, Midham, Berks	† D Shorthorn	Grafton, Duke of, Wakefield Lodge, Stony Stratford, Bucks	Aberdeen Angus
Goffard, W. G., Waxy Manor, Southall, Middlesex	Shorthorn	Graham, Lord Alastair, Chantry 1 arm, Wickham Market, Suffolk	D Shorthorn
Goffrey, B. W., Hareley, Leamington, Herefordshire	(h) Friesian	Graham, Capt Tergus, Crotthead, Longtown, Cumb	(sp)† Shorthorn
Goffrey, William, Chase Farm, Mappertree, Pals, Berks	† Friesian	Graham, G. P., Colliery Farm, Ashington, Northumberland	Galloway
Goffman, Mrs. Hughson, Washington, Fulbourn, Sussex	(h) D Shorthorn	Graham, H. E., Park House, Gembly, Driffield, Yorks	Shorthorn
Goffman, Dame A. M., 1111, South Lodge, Horsham, Sussex	Shorthorn	Graham, Mrs M., Roskill, Moreby, Whitehaven, Cumb	Shorthorn
Goffman, Col Arthur I., Sineaton, Northallerton, Yorks	(h) Shorthorn	Graham, Joseph, Spadeadam, Low Row, Carlisle, Cumb	Galloway
Goffman, Col C. B., Woldingfold 1, Horsham, Sussex	Shorthorn	Graham, Robt., Blythins Farm, Horsham, Sussex	Ayrshire
Goffman, T. C., The Wood Suckley, Worcester	(h) Hereford	Graham, S. Park House, Hollingbourne, Kent	Ayrshire
Goffman, C. L., Hill Top, Westons, Leamington, Hereford	Hereford	Graham, S., Brinsbury Manor, Fulbourn, Sussex	D Shorthorn
Goffman, C. L., 1, The Court Tenbury, Worcs	Guernsey	Graham, Wm., Culzeith, Carlisle, Cumb	Shorthorn
Goffman, L., Nettlech, Chesham, Surrey	Red Poll	Graham Clarke, Capt. J. L. H., Frocester Manor, Stonehouse, Gloucester	
Goffman, J. J., Ratford Farm, Calne, Wilts.	Friesian	Granger, W., Temple Farm, Carnaby, Blandford, Dorset	Friesian
Goffman, J. J., 1, Heale (Oaken), Roydon Hamlet, Essex	Shorthorn	Granger, A. W., Manor Farm, Kirkby Malton, Hinchley, Leics	L R Shorthorn
Goffman, T. T., North Farm, Monk-croft, Northumberland	Shorthorn	Granger, J., Upton, Nuneaton Wars	Shorthorn
Goffman, W. Hill Farm, Sutterate, Harbury, Oxon	D Shorthorn*	Granger, I. W. & Sons, Hill Farm, Drayton Bassett, Tamworth, Staffs	L R Shorthorn
GOLDEN, G. P., Eaglesfield, Leire, Lutworth, North Yorks	(sp)† Sussex	Grant A. D., Vinfield Manor, Ascot, Berks	Shorthorn
GOLDMAN, Oswald I., D'Aigdor, Somerhill, Tonbridge, Kent	(h) Devon	Grant Bros., Church Farm, Lower Basildon, Goring-on-Thames, Berks	Shorthorn
Goller, T. J., Doctors, Willand, Cullompton, Devon	Friesian	Grant, Major D. I., Dairy Farm, Winkfield, Windsor, Berks	Red Poll
Goolley, Mrs. Richard, Haddock House, West Hildes, Berks	Jersey	Grant, G., Home Farm, Newbold Revel, Rugby, Warw	Aberdeen Angus
Goolley, Henry, Brook Farm, Crompton Greenfield, Bristol Gls	Shorthorn	Grant, M. H., Belmont Manor, Woking, Herts	Guernsey
Goolley, J. & Sons, Brook d Grove & Lanes, Maidenhead, Berks	Friesian	Grant T., Newland, Cullompton, Devon	Friesian
Goolley, Miss L. A., Lins Farm, Chelley, Derby	Red Poll	Grant, C. W. Morden, Heatherden Hall, Iwer Heath, Bucks	Kerry
Goolley, Robert, Neale, West Fitzmaurice, Fyfe, Yorks	D Shorthorn	Grant, Wm., The Farm, Gantead, Nr Hull, Yorks	Friesian
Goolley, W. H., 1, West Horsham Hall, Duncton, Essex	Devter	Grant, Wm. Skinnard, Navenby Lincoln	L R Shorthorn
Goolley, Mrs. P. J., Compiton, Shereborne, Dorset	Sussex	Grantham, Russes F. M. & S. M., The Rookery, West Lincs	L R Shorthorn
Goolley, Richard, Mervin Hall, Broadwell, Rugby, Warw	Shorthorn	Graves H., Kingston Manor, Chesterton Leamington, Warw	D Shorthorn
Goolley, F. B. B., Salford Farm, Renhold Bedford	Shorthorn	Graves, J., Sewell Houses, Southwaite, Carlisle, Cumb	Shorthorn
Goolman, C. P., Carvot, Lenz, Callington Cornwall	Shorthorn	Graveson, J., School Farm, Maxstoke, Colehill, Warw	Friesian
Goolman, E. A., Lower Court Chiddingfold, Charlbury, Oxon	Shorthorn	Gray, Colin K., Boundary Farm, Penselham, Saxmundham, Suffolk	
Goolman, John R., South Lodge, Holdeben, Northants	Shorthorn	Gray, J. G., Roskill Coventry, Warw	Red Poll
Goolman, W. V., South Lodge, Holdeben, Northants	Sussex	Gray, J. H., Grove House, Keresley, Coventry, Warw	Shorthorn
Goolman, Sir L., Hart, Waddleton Court, Litcham, Devon	Devter	Gray, Richard E., Buxley Farm, Naica, Somerset	Shorthorn
Goolman, George M., Eldridge, Sindhav, Kent	Shorthorn	Gray, Robert The Manor, Lechlade, Glos	D Shorthorn
Goolman, H. L., Park House Farm, Linton, Saxmundham, Suffolk	Shorthorn	Greasley, Benjamin, Ladythorpe Farm, Lennick, Asken, Notts	Friesian
Goolman, J. L., Moorside Farm, Cowthorpe, Wetherby, Yorks	Shorthorn	Greatorex, Miss G., Oaker Side, Mallock, Derbyshire	Blue Albion
Goolman, Arthur, Partney, Spilsby, Lincs	Blue Albion	Greaves, Herbert S., Chatley Wood, Ringwood, Hants	Sussex
Goolman, C. H., Davenport Arms, Marton, Chelford, Ches	Friesian	Green, Miss, Braunston, Rugby, Warw	Loughdown
Goolman, Charles, Chelmsford, Suffolk	L R Shorthorn	Green Mrs E. & Sons, Hadley Farm, Dronwath, Worcs	D Shorthorn
Goolman, G. C., Little Street, Sudon, Bedford	Friesian	Green Mrs A., Denton, Den Khydding, Leeds, Yorks	D Shorthorn
Goolman, H. P., Park, Will, Spilsby, Lincs	Shorthorn	Green, A. H., Horton Farm, Hampton Lovett, Dorset	
Goolman, J. G., Fishall, Tonbridge, Kent	Shorthorn	Green, B., Cardew, Redruth, Cornwall	Guernsey
Goolman, Percy W., Copston, Hinchley, Leics	Shorthorn	Green C. H., Mansell, Gamage, Hereford	Hereford
Goolman, S., Ivington Court, Leamington Herefordshire	Shorthorn	Green D., Donyland Hall, Colchester, Essex	Red Poll
Goolman, W. Gordon, 1, Hoths Farm, Penshurst, Kent	Shorthorn	Green, E. L., Ashfield York	D Shorthorn
Goolman, W. S., Huntington, Holmer, Hereford	Shorthorn	Green Ernest, Bayworth Manor, Abington Berks	Friesian
Goolman, W. T., Abbey Farm, Darley Dale, Matlock, Derby	Shorthorn	Green F. D., Gatwick Manor, East Grinstead Sussex	Shorthorn
Goolman, Wm., Pauls Farm, Leigh, Tonbridge, Kent	Sussex	Green F. L., The Dairy House, Woolby, Herefordshire	Hereford
Goolman, W. S., Strawberry Hill Farm, Stapleford, Sussex	Jersey	Green, Harry, Tancred Farm, Oakhill, Lath Somerset	D Shorthorn
Goolman, Alice Zoe, Hericdale Manor, Walden, Sussex	Jersey	Green John W., Wiston Grove, Colchester Essex	Loughdown
Gordon, C. W., Bowditch, Cranborne, Nr Salisbury, Wilts	L R Shorthorn	Green, Joseph, Braunston Rugby Warw	Jersey
Gordon, Michael, Ulverston Lanes	Guernsey	Green, Joseph, Braunston Rugby Warw	Friesian
Gore Browne H. Brookings, Woodhouse Eaves, Loughborough, Leics	Jersey	Green, Joseph, Braunston Rugby Warw	Jersey
Gore Langton, Com H. E., DSO, Hatch Park, Taunton, Som	Jersey	Green, Joseph, Braunston Rugby Warw	Friesian
Gorringe, Gen Sir G. T., Kingston by Sea, Nr Brighton, Sussex	Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gorringe, Hugh, Kingston by Sea, Brighton, Sussex	Red Poll	Green, Joseph, Braunston Rugby Warw	Friesian
Goschen, Kenneth, Swanthorpe House, Creditall, Hants	Guernsey	Green, Joseph, Braunston Rugby Warw	Friesian
Goschen, Sir W. H. N., Bart, Durrington House, Harlow, Essex	L R Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gosling A. W., Nitcarr, Barboro, Chertseyfield, Derbyshire	Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gosling, Capt H. M., Rosemary Farm, Flimwell, Hawkhurst, Kent	Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gosling, L. D., Brentfield Place, Stanstead, Essex	Jersey	Green, Joseph, Braunston Rugby Warw	Friesian
Gosling, Thomas, Pym, Idesleigh, Walsingham, Devon	Devon	Green, Joseph, Braunston Rugby Warw	Friesian
Goss, William, Henacort, Idesleigh, Devon	Devon	Green, Joseph, Braunston Rugby Warw	Friesian
Gossling P. C., Walsley Home Farm, Lymington, Hants	D Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gossling, W. W., The Crescent, Kidlington, Worcs	Hereford	Green, Joseph, Braunston Rugby Warw	Friesian
Gough, T. E., The Poles, Ludlow, Salop	Friesian	Green, Joseph, Braunston Rugby Warw	Friesian
Gough, Thomas, Lower Bentley Farm, Beon Grove, Warrington, Lancs	Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gould H. L., The Glebe Farm, Fiddington Tewkesbury, Glos	Devon	Green, Joseph, Braunston Rugby Warw	Friesian
Gould H. W., Compass Cottage, Stoke Hill, Exeter, Devon	Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gould J. C. T. to Mrs. St. Mellons, Mon	Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gouldridge, R., Langfold, Louthorpe, Yorks	L R Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gouley, R. W., The Lodge, South Wellingham, Lincoln	Aberdeen Angus	Green, Joseph, Braunston Rugby Warw	Friesian
Gowen, W., Ruxington, Sleaford, Lincs	D Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gowen H. S., Upper Haugh, Winsley, Bradford-on-Avon, Wilts	Friesian	Green, Joseph, Braunston Rugby Warw	Friesian
Gower, Percy B., Pump House Farm, Kelvedon, Hatch Brent, Essex	Park	Green, Joseph, Braunston Rugby Warw	Friesian
Gowing, J. T., Lodge Farm, Buxton, Northw., Norfolk	Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gowing, A., Snowdon Hall, Leamington Spa, Warw	Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gowing, J., Blisworth Hill, Blisworth, Northampton	D Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gowing, J. & T., The Lodge 2 Park, Huntington, Leas, Merina, Warwickshire	Shorthorn	Green, Joseph, Braunston Rugby Warw	Friesian
Gowing, T., Huntington Park, Leamington Spa, Warw	Jersey	Green, Joseph, Braunston Rugby Warw	Friesian
Grace, J. V., Spencer's Farm, Horsham, Sussex	Red Poll	Green, Joseph, Braunston Rugby Warw	Friesian
Grace James L., The Nook, Durdham Park, Bristol, Glos	Guernsey	Green, Joseph, Braunston Rugby Warw	Friesian
Grafton J. states Co., 1, Union Hill, Bedford, Norfolk	Guernsey	Green, Joseph, Braunston Rugby Warw	Friesian

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Name and Address	Breed	Name and Address	Breed
Hutchinson W H Dal on Holme Beverley Yorks	Shorthorn	Jackson Henry H II Farm Moreton Padlox Moreton	Shorthorn
Huth Maj Geoffrey Wans Dyke End Humberford Berks	Cumeysey	Morrell Warwickshire	
Hutley Mrs Dewardas Roking Braintree Essex	Friesian	Jackson Henry Rays Lodge Wighton Cumberland	Shorthorn
Hutley Charles Rayne Hall Rayne Iria nire Essex	Friesian	Jackson J A The Common Market Bosworth Nuneaton	Blue Albion
Hutley L A H Kirk Farm St Oyst Clacton-on-Sea Essex	Guernsey	Warwickshire	
Hutley J Lefmans Canewood Richmond Essex (p)	Red Poll	Jackson Mayr M L Watercane Manor Watlington Ox (p)	Shorthorn
Hutley Philip Powers Hall Witham Essex	Friesian	Jackson J Linton Farm Brixham Devon	South Devon
Hutley W H Sutton Hall Richmond Essex (p)	Friesian	Jackson J Colwell Underbarrow Kendal Westmorland (p)	Shorthorn
Hutton Sir Edward Rt Downside Leatherhead Surrey	Jersey	Jackson J J Old Hall Heston Lyr nham Rutland	L R Shorthorn
Hutton J Elsdon Kington Hereford	Hereford	Jackson J B Little Foston Hall Garstang Lancs (p)	Shorthorn
Hutton Stamford Harescombe Crange Gloucester (p)	D Shorthorn	Jackson James Row Farm Lyth M Inthorpe W morland	Shorthorn
Hutton T Highton Shull Farm Garsdale Cumb	Lowland	Jackson John M Wood I dge Farm Breamham M Inthorpe	Shorthorn
Huxham H H Whitstone Chittchampton Devon	Red Poll	Westmorland	
Huxley, Henry G Myio Farm Wootton Berks	Devon	Jackson J G Ramsden Farm Modbury Devon	South Devon
Huxtable W J Marsh Wrafton Devon	Devon	Jackson R Hooscombe Salcombe Devon	D Shorthorn
Huyse R R The Manor Cleft Hiden Exeter Devon	Devon	Jackson Samuel Gate House Ournmore Lancaster Lancs	South Devon
Hyatt R Waterfall Leamington Nares	Shorthorn	Jackson Stafford Jr Greenbank Farm Withyhaven Cumb	Friesian
Hyde A B H B, Greenhill Farm Birch Nr Heywood Lancs	Friesian	Jackson T Belle Vue Farm Rawcliffe Garstang Lancs (p)	D Shorthorn
Hulton Foster Mrs, Old Dene Nr Dork ng Surrey	Jersey	Jackson T Poplar Farm New Parks Huby Easingwold	Friesian
Hyman W Harewood Place Rickmansworth Herts	Jersey	Yorks	
H W G Widwell Lardoune Dartmouth Devon	South Devon	Jackson T A Newick Bunting, Drif eld Yorks (p)	Shorthorn
Hyalon J C Chappas House Irington, Leominster Herefordshire	Hereford	Jackson W S Great Buckland Farm Neopham Kent (p)	Friesian
I		Jackson Walton & Sons The Wray, Wigan Cumb (p)	D Shorthorn
Ikin W Fowler & Wem Salop (p)	D Shorthorn	Jacobs J R H Chokerton House Ashurst Lyndhurst	Guernsey
Ilbert Lt Col A P Vennelough Kingsbridge Devon	G emsey	Hants	
Ilford J Park Farm Eastford Glos (p)	D Shorthorn	Jiffe Col A C Poynings Liff ulme Devon	Devon
Ilmgworth W Hill Top Farm Stratton Tadcaster Yks	Friesian	Jaggard S R Kentford Newmarket Suffolk	Red Poll
Imbert Terry Mrs Blue Hayes Broad Clayd Devon	Jersey	James A M T Bean Ho se Cradley Malvern Worcs	Hereford
Impey W W Norwore Redditch Worcs	Shorthorn	James C E Trevelld Farm Pendy Aberystwyth Mon	Hereford
Impey Mai D F West M H Hays Haydon Bridge Northmb	Shorthorn	James D Foel Farm Newcastle Llyn Stiffs	Shorthorn
INCE, MRS. W F Thorpe Hall, Tanworth Staffs (p)	Shorthorn	James Fvan Neth I nd Lyeonshall Kington Hereford (p)	Hereford
Incham Mary J W Hill Farm Tadcaster Yorks	Shorthorn	James Fred Trethosa St Stephens St A stell Cornwall	Devon
Ingleby H Rosedale Ct Leysters Nr Tenbury Worcs	Friesian	James J Nether Row Hesket Newmarket Watton Cumb	Shorthorn
	Hereford	James James Bartel ver rampold Road Corn (p)	Shorthorn
	Shorthorn	James I H Gritt Farm Malvern Worcs	D Shorthorn
In-jeld Ladv Cecil Flower Liles Windley Derby (p)	Red Poll	James R A Cubington Madley Hereford	Hereford
Innam T A Russell's Farm Claverton Bath Som	Guernsey	James R Stretefordbury Stoke Prior Herefordshire	Hereford
Inghel Compton Arms Hotel Slomey Cross Lyndhurst Hants		James T F Norwood H H Horley Surrey	Shorthorn
Inkpen S Cooden Burton Bradstock Bridport Dorset	Shorthorn	James Tom Toms The Vels Farm Downover Derbyshire	Shorthorn
Inman Harold S Avenue Farm House Tadworth Surrey	Guernsey	James Wm The Wath Caldbek Wighton Cumb (p)	Shorthorn
Inverforth of Southgate Baron Arons Grove Southgate Nix	Jersey	Jameson G The Low House Farm Armthwaite Carlisle	Friesian
Inon John T High Crossed Alston Cumb (p)	Friesian	Cumberland	
Ireland A P Freymore Dairy Blackwater Hants	Jersey	Jameson J Fast Nabuck Heston Northumberland	Shorthorn
Ireland E Wk N Farm Northmore Nr Eynsham Oxon	Jersey	Jameson Lady Fenn Wood Sandon Northwch Ches	Red Poll
Ireland G B Mt Sutherland Staverton Totnes Devon	Jersey	Jarmay Capt J B Bulkeley Hall Malpas Cheshire (p)	Friesian
Ire and Maurice W Highgate Billingsbury Sussex	Shorthorn	Jarvis F Slough House Farm W Haining eld Essex	Friesian
Irish H P Smallcombe Rattery South Brent Devon	South Devon	Jarvis R C Chywoone Paul Penance Cornwall	Guernsey
Irish W S Brook Farm Uffculme Devon (p)	Devon	Jarvis Geo H Little Wyley Farm Felsall Walsall Staffs	Friesian
Irtish W H Limestone Modbury S O South Devon	South Devon	Jarvis R Denham Farm Walsall Staffs	Hereford
Irvine J Whitton Kirklington Carlisle Cumb (p)	Shorthorn	Jarvis James West End Farm B shop Wotton Yorks (p)	Friesian
Irvine J E Town End Farm Hulton Lancaster Lancs	Shorthorn	Jebson Wm H Wilson House Pocklington Yorks (p)	Friesian
Irvine R Chrystal Shenley Lodge Ridge H H Harriet Herts	Blid Galloway	Jedder Fsher Mayor H C Woodlands Corner St	Sussex
Irvine Capt R Pyeuge Auchtertree Irebs Carlisle Cumb	Shorthorn	Jeffcock Wmfred R Camp Littlehampton Sussex	Hereford
Irvine S M Lardwick Hall M dlewich Cheshire (p)	Blue Albion	Jeffcock Capt W P Cincraun Camp Lydard Chestow	
Irvine T J M dle Hill Farm Calthwaite Carl se Cumb (p)	Shorthorn	Mon	
Irvine W & Son Toppin Castle Heads Wook Carlisle Cumberland (p)	Shorthorn	Jefferson W J Haughton Sh mal Salop	Shorthorn
Irwon Lord G C S I G C I E Garrowby Bishop Wilton Wilton Yorks (p)	Shorthorn	Jefferson Mrs H W The H gh Bre h Hollington Sussex	Guernsey
Irwon Major T S Justice Court Carl se Cumb (p)	Friesian	Jefferson J Bellon Wood Wighton Cumberland	Shorthorn
Isbell A Lawhrye Fyne Cornwall	South Devon	Jefferson Thomas Hayr ge S gh Cumberland	South Devon
Isar John Brook Farm Walsome Nr Cheddar Som	D Shorthorn	Jeffery F R Park II Ippelen Newton Abbot Devon (p)	South Devon
Isierwood G W Edge I dle Latwistle Bolton Lancs (p)	Aberdeen Angus	Jeffery Col John The knoll Truro Cornwall	Guernsey
ISMAY JAMES H Iwerneminster Blandford Dorset (p)	D Shorthorn	Jeffery W D Park Meadows Denbigh Village Derbyshire	D Shorthorn
ISMAW Wm Waverley Wighton Cumb	Shorthorn	Jefferys E Badins Farm Enford Warburton Wills	Friesian
IVEAGE RT HON LORD C B, C M G, Elvedon Thetford Norfolk (p)	Red Poll	Jefferys R J The Priory Lorton Rye Devon	Friesian
IVEAGE RT HON LORD C B, C M G, Guiness Dairy Farm Borbridge Old Woking Surrey (p)	Shorthorn	Jeffers C A Elm Farm Fulbrook Barstol Oxon	Shorthorn
Iveson W & New Street Wighton Cumb (p)	Shorthorn	Jellis G H Duuton Lodge Lutterworth Rugby Wares (p)	L R Shorthorn
J		Jenkins Col A E The Priory Wetherell Andover Hants (p)	Guernsey
Jack A Manor Farm Singleton Chichester Sussex	Friesian	Jenkins E L Old Hall Kington Herefordshire	Hereford
Jack C I M Swall H Lea Hanbury Glos	Aberdeen Angus	Jenkins Capt Edwin Netherleigh Hayle Cornwall	Cumeysey
Jackson A Green Farm Ship Westmorland	Shorthorn	Jenkins S T R Penrhynwar Abercrom Newport Mon	Friesian
Jackson Albert Abbotts Bromley Rugby Staffs	Shorthorn	Jenkins W H Wetherell Hereford	Hereford
Jackson Charles Hallienna Holmrook Cumberland	Shorthorn	Jenkins S H Pilston Manor Bridport Dorset	Hereford
Jackson Mrs E C Stroud Farm, Laocok Ch ppenham Wits	Shorthorn	Jenner Lt Col L C D The Manor Asbury Wills	Guernsey
Jackson Dr E S Robin H H Camforth Lancs	Shorthorn	Jennings Bros Fungis Farm High Wycombe Bucks	Friesian
Jackson Ernest Withnell House Withnell Lancs. (p)	Friesian	Jennings C A Bowring Farm Shipwreck Somerset	Friesian
Jackson F Tarn S de Gambley Langworthy Cumb.	Shorthorn	Jennings E & Son Lotley Skipton Taunton Som	Shorthorn
Jacks C F Tottebank Colton Uxbridge Lancs	Hereford	Jennings J Home Farm Castle Brixham nham	Shorthorn
Jacks Brig Gen G M Clay Cross Hall Chesterfield Derbyshire (p)	Shorthorn	Jennings W J Kennington Hall Ashford Kent	Sussex
Jackson Capt G R Coney Green Farm Clay Cross Chester eld Derbyshire	D Shorthorn	Jerome Mrs Pitters Hill House Auster Warw (p)	Jersey
Jackson G T H cher House Maltm Ram St Andrew Ches	Friesian	Jerome The Earl of M dleton Stoney Bicester Oxon (p)	Aberdeen Angus
Jackson S R Hart Elant Nr Aberystwyth Mon	Friesian	Jerome Mrs J M Jerningham Farm Brixton Hants (p)	Shorthorn
Jackson Capt H F, Crecella Place Burnham-on-Crouch Essex	Friesian	Jervise M W F S Hillington Pulborough Sussex	Jersey
Jackson Henry, Eden Bank Cu'24 th Cumberland	Shorthorn	Jesson W H Meadow Lane Farm Long Laton Notts	L R Shorthorn
		Jessop Maj T Harrington Hall Spilsby Lancs	L R Shorthorn
		JESSOP A L Lenthall Hall, King's Lynn, Norfolk	Shorthorn
		Jessop R J Rose Farm Brixton Warrham Dor	Shorthorn
		Jewell E J W Tancley Place Worpleston Surrey	Cumeysey
		Jewell Reuben Boyce Ct nptale Wivelcombe Som	Devon
		Jewell W F Kuttis and Wivelcombe Somerset	Devon
		Jewkes Lt Comd C M, Smallburgh Beare Green Dorking Surrey	Red Poll
		Johling R L H Cam Dykes Newcastleton Truro Nham (p)	Friesian
		Johs B M Boulton Padbury Newmarket Suffolk	Red Poll
		Johs Henry Godwin Midham, Penrynport Cornwall (p)	Guernsey

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Name and Address	Breed	Name and Address	Breed
Low G C T Oaklands Sarnen Kent	Cornish	Mackenzie Dr E Dassy Bank Chadwell Staffs	Bible Albion
Low Mrs Louis Rush Gosfield Hall Halesford Essex (p)	Jersey	McKenzie F P The Warren Loughborough Leics	Jersey
Low Mrs J Bolton Wood Lane Weston Cumb	Shorthorn	Mackenzie F M J M Moorside Farm Coton Lancs	D Shorthorn
Low Mrs Hens Bartholomew Belbenden Exeter Devon	Jersey	Mackenzie Patrick Chalmers Little Benham Horsham Sx	Jersey
Lowther Anthony Clifton Elm Perith Cumbria (p)	D Shorthorn	Nichols Archibald John Hurst House Hurst Berks	Jersey
Loyd A Thomas Lockinge House Wantage Berks (p)	Shorthorn	Macmillan N G B Isthore Hursthouse Tarrant Hants	Jersey
Loyd J F Sackville Hall Melksham Wilts	Guernsey	Macmillan P G High Quarry Crowthorne Hants	Cornish
Lucas A E The Manor House Sowerdon Nants (p)	D Shorthorn	Macmillan John K Conyngham Hall Annersboro Yks (p)	Guernsey
Lucas A S C Bmg & Crampers Capt E F F Northsea	Jersey	McLaren Alex I The Warren Croughen Brackley	Jersey
Lucas E Lench Barton Hillston St Mellon Cornwall (p)	South Devon	McLaughlin John Edensor Bickwell Derbyshire	Aberdeen Angus
Lucas John S S Hotel Whitchurch Salom	D Shorthorn	McLennan Mrs J Godswell Bloxham Oxon	D Shorthorn
Lucas R B Shilton Manor Herts	L R Shorthorn	Maclean Mrs S Markham Eston in Gordano Bristol	Guernsey
Luce R T Lower Chadd chancer Lamerton Tavistock	South Devon	McLure Peter Howells Hall Incaston Essex	D Shorthorn
Luck N J Court Barton Southpool Kinsbridge Devon (p)	South Devon	Maclean Geo A Batton Hall Dunby Cromston Yks	Jersey
Luck N A Or old Wistons ch Greaves Hinghurst Sx (p)	D Shorthorn	Macnechey Brigg C B Edmonstone Hook Hants	Aberdeen Angus
Luckin R Holt Farm Clapham R Worthing Sussex	Friesian	Macpherson M S Claywood Sway Lynton Hants (p)	Jersey
Luckin R Bury Dale Farm Stanburton Wokingham	Jersey	McWilliam G Dunwood Manor Farm Romsey Hants (p)	Jersey
Ludlow Bros Blackhouse Viewhead Wellington Som	Devon	Maddox C C Loose Down Liskeard Cornwall	South Devon
Luff S E & T Riton Manor Roggey Kent	Shorthorn	Madder S B H Ertle Barton R Plymouth Devon	South Devon
Luff A Wonnell Court Kington Kinsbridge Devon	South Devon	Madder Wm J Clarke Barton S Salford Corn	South Devon
Lupton A D Chalmington Dorchester Dorset	Devon	Madder E J J Wateride Goodington Fagton Dev	Devon
Luscombe A D Hersford Farm Bampton Devon	South Devon	Madder H V Madder H V Madder H V	South Devon
Luscombe A R T Wood Barton Woodleigh Loddish	South Devon	Madder J J Chelwell Totnes Devon	South Devon
Luscombe R W Barton Easton Devon	South Devon	Madder Thomas Salwick Hall Salford Newton Abbot Devon	South Devon
Luscombe A Treble Moorfield Devon	South Devon	Madder H J Rockhouse Bethel Rd St Preston Lancs (p)	D Shorthorn
Luscombe J Manor Farm North Hill S Brent Devon	South Devon	Madder J H Rushall Manor Marlborough Wilt	Friesian
Luscombe J Broadford Ivybridge Devon	South Devon	Mager John & Wm Oulton Winton C mb	D Shorthorn
Luscombe M Fore Street Totnes Devon	South Devon	Mager R Springfield Lyons Chelmsford Essex	D Shorthorn
Luscombe Philip Byster Farm Totnes Devon	South Devon	Mage Mrs R chard Springfield Lyons Chelmsford Essex	Jersey
Luscombe R L Shant Woodleigh Loddish Devon (p)	South Devon	Mage Mrs R Home Farm Long Itchenbury Rugby Warw	Dexter
Luscombe R L Laburnum East Allington Devon	South Devon	Mage Mrs R H Barton Hill Kintbury Berks	Guernsey
Luscombe R S Wadmore Court Weybridge Devon (p)	South Devon	Maisey C H Patrick House Farm Hampton in Arden	Friesian
Luscombe T W Great Englebourne Harberton Devon	South Devon	Martland Mrs C Kellon Grange Stamford Lincs	Shorthorn
Luscombe W E Rame Barton St Budeaux Devonport	South Devon	Major J J Great Trill Axminster Devon	Jersey
Luscombe W C Yarncombe Modbury S Devon	South Devon	Major J J Great Trill Axminster Devon	Jersey
Luscombe W J Sooble Southpool Kinsbridge Devon	South Devon	Major J J Great Trill Axminster Devon	Jersey
Luttrell A F East Quantoxhead Broadwater Som	Devon	Major J J Great Trill Axminster Devon	Jersey
Lyke W R Lawton Bury Leominster Herefordshire	Hereford	Major J J Great Trill Axminster Devon	Jersey
Lyke Smith Brian Bledington Grounds Farnham Glos	Hereford	Major J J Great Trill Axminster Devon	Jersey
Lymington Vincent Fairleigh House Farnham Glos	D Shorthorn	Major J J Great Trill Axminster Devon	Jersey
Lyne Astington	Guernsey	Major J J Great Trill Axminster Devon	Jersey
Lyne Mrs A B Langstone Farm Little Compton	Friesian	Major J J Great Trill Axminster Devon	Jersey
Lyne Moreton in Marsh Glos	Friesian	Major J J Great Trill Axminster Devon	Jersey
Lyne Col Charles Appleton Hall Warrington Lancs	D Shorthorn	Major J J Great Trill Axminster Devon	Jersey
Lyons James Orange Court Farm Guildford Surrey	D Shorthorn	Major J J Great Trill Axminster Devon	Jersey
Lyons E Colville Edeshall Staffs	D Shorthorn	Major J J Great Trill Axminster Devon	Jersey
Lynght Mrs N B Chapel Cleeve Washford Somerset	Guernsey	Major J J Great Trill Axminster Devon	Jersey
Lytle May W L Pewsham Chappanham Wilts	Cornish	Major J J Great Trill Axminster Devon	Jersey
Lytle George John The Manor Farm Alresford Hants	Cornish	Major J J Great Trill Axminster Devon	Jersey

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Name and Address	Breed	Name and Address	Breed
Penny, A. E., Oakfield Clonley Salwick, Preston, Lancs. . .	D Shorthorn	Pilkington, Mrs M., Hutton Hall, Hutton, Essex . . . (P)	Red Poll
Penny, A. Raymond, Manley, Tiverton, Devon . . .	D Shorthorn	Pilkington, Mrs S. H., Ashton House, Ashton Keynes, Swindon, Wilts . . .	Shorthorn
Pennyrain, Maj J. B., Ormesby Hall, Ormesby, Yorks (P)	D Shorthorn	Pilling, L., Beslow, Wroxtetter, Salop . . . (A)	Red Poll
Penrhy, Lady, Wicken Park, Stony Stratford, Bucks. (P)	Shorthorn	Pilling, Lt-Col T. W., Tickenote Lodge, Stamford, Lincs . . .	D Shorthorn
Penrhyn Homby, C.W. L., Dalton Hall Burton W'm Land Pearce-Lyons Lt Comm A., Elbridge, Braxton, S Devon	Shorthorn	Pimley, Ernest, Chapel Farm, Heybridge Essex . . . (P)	Red Poll
Pennrose, W. & Sons, Trequean, Breage, Cornwall . . .	Gurnsey	Pinkney, Campbell R., Brenk House, Coxwold, York	Friesian
Pennrose, Walter, Trewas Fm, Breage, Helston, Cornwall . . .	Gurnsey	Pinn, Col. H. H., Hedford, Bourton End, Shrivensham, Berks	Jersey
Perce, J. W., Danhill Lodge, East Croydon, Sussex . . .	Jersey	Pitt, Mrs H. V., The Grange, Little Conberton, Pershore	Shorthorn
Pepper, Wm. F., Redvich Park, Bruton, Somerset . . . (A)	Jersey	Pitt, F. J., Little John's, Burnham on Crouch, Essex	D Shorthorn
Perham T. R., Manor Farm, Ryde, Sherborne, Dorset . . .	D Shorthorn	Pittman, Mrs Belinda E., Cranwell, Bath, Somerset	Jersey
Perkin, W. Henry, Lillingstone Newn, Leamington, Warwts . . .	Red Poll	Pittman, Mrs Helen I., Scarlets, Twyford Berks . . . (A)	Jersey
Perkins C. R. L., Runnar, Eign Road, Hereford . . .	D Shorthorn	Pitt, the late Miss A. M., Lyddington Rectory, Swindon, Wilts . . .	Gurnsey
Perkins, F. S., Haddenck Court, Monmouth . . . (P)	D Shorthorn	Pitt, G., Stanhope, Broadlands, Upper Warringtonham, Surrey	Friesian
Perkins, M. T. S. W., Lower Bormarsh, Holme Lacy, Hereford . . .	D Shorthorn	Pitt, Dr J. W., Drumard Parbold, Lancs . . .	Hereford
Perkins P., The Bower Holme Lacy, Hereford . . .	Shorthorn	Pitt S. Townsend Stretton Grandison Ledbury, Hereford	Hereford
Perkins, R. Merton Farm, Barkby, Leicester . . . (A)	Shorthorn	Pitt W. L., The Abysses Bridgnorth Salop . . .	Hereford
Perkins, W. F., Boldre Bridge House, Lymington Hants	Red Poll	Pitt, Mrs L. Fox, Wyford Manor, Charter Alley, Basingstoke, Hants . . .	Dexter
Perrowe, P. L., Great Snodice, Fakenham Norfolk (P)	Jersey	Place, Capt A. J., Skelton Grange York . . .	Friesian
Perrin, Mrs Alice, Forest Lodge, Romford, Essex . . .	Friesian	Place, A. Mere View, Pickmere Knutsford, Cheshire . . . (A)	Shorthorn
Perry, Arthur Epworth, Coltingham, Hull, Yorks . . .	Friesian	Place, W. W. Nangle, The Old Rectory, Rotherham, Yorks (A)	Friesian
Perry, R. C., Pelsbam, Reckish, Sussex . . .	Friesian	Platt, Mrs A. A., Barby Manor, Barby, Norths . . . (A)	Shorthorn
Perry, W., Little Brixham, Reckish, Sussex . . .	Blue Albion	Platt J., Jun. Town Lane Moberley, Knutsford, Ches	Friesian
Perry, W., Little Brixham Hall, Witham, Essex . . .	D Shorthorn	Platt J. O. Brook Fm Plumley, R. Knutsford, Ches	Friesian
Petch, Mrs M. L., Gaunthorough House, Milborne Port, Sherborne, Dorset . . .	Shorthorn	Platt, William G., Edmonston Manor, Derby . . .	Friesian
Petch, W. D., Smylett Hall, Pocklington York . . . (P)	Shorthorn	Platt, Walter, Slades, Reckish, Norths . . .	Devon
Peter, J. J. F., Oakley Farm, Beckley, Glos . . .	Shorthorn	Plumpton, Capt A. A. Walsington, Berckley, Yorks (P)	Shorthorn
Peter, J. J. F., Oakley Farm, Beckley, Glos . . .	Shorthorn	Plumtree Geo., Hogsthorpe, Alford Lincs . . .	L. R. Shorthorn
Peters, A., Blagdon Fm, Cranborne, Salisbury, Wilts (P)	Blue Albion	Plymouth Co-operative Society 15-15 Frankfort Street, Plymouth Devon . . .	South Devon
Petherick Thomas, Burrow, Tiverton, Devon . . .	Devon	Plymouth Devon . . .	Gurnsey
Pethbridge, C. G., Westcomb, Dartington, Totnes, Devon . . .	South Devon	Pogson, Estates Ltd., Hewell Estate Office, Redditch, Worcs . . .	Jersey
Petley, Chas. & Co., Staple, Causton, Kent . . .	Aberdeen Angus	Pogson, R. C., Esalaforde House, Sleaford Lincs	L. R. Shorthorn
Petley, Mrs F. A., Harrington, South Eden Park, Beckenham, Kent . . .	Gurnsey	Pomeroy, Thomas J., Green Farm, Newent, Glos	Hereford
Peto, G. K., Dean House Kilmington, Abresford Lancs (P)	Jersey	Pogliaas W. J., Townshend Hayle, Cornwall . . .	Shorthorn
Peto, S. Arthur, Downe Court, Sandwich, Kent . . .	Red Poll	Poll C. H., The Abbey, Abbeys Hall, Scole, Norfolk	Friesian
Petre, Col. B. J., Westwick House, Norwich, Norfolk (P)	Red Poll	Poll C. H. Grove Farm, Ringfield, Berckley, Suffolk (A)	D Shorthorn
Petre, Col. B. J., Westwick House, Norwich, Norfolk (P)	Hereford	Poll W. W., Berch Grove, Hethersett, Norwich, Norfolk	D Shorthorn
Peterson, R. W., Walton Abbey, Cranwick, Yorks . . .	Aberdeen Angus	Pollard, W. S., Middleton Coney, Northants . . .	Friesian
Petson, Sir Alexander, Ilt, Swits House, Boicester, Oxon . . . (P)	D Shorthorn	Pollack H. Rivers, East Sharn Lodge Framingham Suff	D Shorthorn
Philoct, G. V., Flet Court, Liss, Hants . . .	D Shorthorn	Pollard, J. C., The Old Rectory, Northampton	Gurnsey
Philpott, J. C., Galt, Allendale, Northumb (P)	D Shorthorn	Pomeroy, Hon Mrs., Southfields Blackley, Toncaster, Northants . . .	D Shorthorn
Phillips, Mrs Hilton, M. P., Broom Hill Esner, Surrey (P)	Gurnsey	Pomfret V. Mivstole, Chatham, Canterbury, Kent . . . (P)	Jersey
Phillimore, Lord, The Coppice Henley-on-Thames Oxon . . .	Jersey	Ponsorah, Mrs Hugh, Little Dormans Lingsfield, Surrey	Shorthorn
Phillimore, Admiral Sir Richard F., Sheddfield House Botley, Hants . . .	Gurnsey	Pook W. J., Great Coombe, Stoke Fleming, Dartmouth, Devon . . .	Gurnsey
Phillips, A., Glyn Cottage Llanillo, Porthole, Aber	Friesian	Pook W. J., Great Coombe, Stoke Fleming, Dartmouth, Devon . . .	South Devon
Phillips, A., Glyn Cottage Llanillo, Porthole, Aber	Friesian	Pool David & Frank, Down Barns Farm Hayes End, Midxtd	Friesian
Phillips, Alexander Blencathra Cromer, Norfolk (P)	Gurnsey	Pool Robert Park Brook, Radcliffe Garstang, Lancs	Shorthorn
Phillips C. J., Glenelgh, Marazion, Cornwall . . .	Gurnsey	Pool S. H. Turner, Green, Fyfehead, Northfield, Hants	Shorthorn
Phillips & Co., Old Dalby Hall, Wotton, Wobray, Lincs (A)	Hereford	Pool E. Chambers Farm, Narden, Kent . . .	Friesian
Phillips, J., Lower Burton, Eardiscliff, Hereford . . .	Friesian	Pool B. W. Butley Abbey Tunstall Suffolk . . . (A)	Friesian*
Phillips, Henry, The Rock Farm, Lugwardine Hereford . . .	Devon	POOLE HENRY W. & B. Hill House, Lawford, Essex (P)	Friesian
Phillips J., Damworthy House Churchstanton, Chard, Som	Hereford	Pool, Mrs J., Lake Farm Bleaden Weston-super-Mare, Somerset . . .	Friesian
Phillips, P. C., Linton Court, Kington Herefordshire	Hereford	Pool, W. S., Oakwood Haywards Heath Sussex	Jersey
Phillips, F. G., Preston Court, The Veldt House, Ledbury Herefordshire . . .	D Shorthorn	Poole, Joseph Wetherings Brougham, Iwerth, Cumb (A)	Shorthorn
Phillips, Raymond, Mule Oak Farm, Tamworth, Staffs . . .	Devon	Pope, Alfred Hemstall Sanford, Crediton, Devon . . .	Devon
Phillips, W. & J. E., Above Town, Lloghlayhe, Wade bridge County	Sussex	Pope John, Lower Wellington, Somerset . . .	Hereford
Phillips, Walter, The Hermitage Waterbury, Kent . . .	Galloway	Pope, W. P. Brockham Leigh, Worcester . . . (A)	Jersey
Phillips, Wm., Dushwilleng, Longtown, Carlisle Cumb	D Shorthorn	Popham, H. L., Hunstrete House, Pensford, Somerset (P)	Jersey
Phlips Capt A. W., Charcroft, South Breamham, Bruton, Somerset . . .	Friesian	Popple, Joseph Hallington Louth Lincs . . . (P)	L. R. Shorthorn
Phrackles, M. & Mrs A. D., Clifton Hall, Tamworth, Staffs	Shorthorn	Porritt, Geo., The Azale Farm Chingley Derby	Shorthorn
Pick, R. G., Buckton, Wetherby, Yorks . . .	Shorthorn	Porritt, J., Manchester Court, Hayfield, Derby . . .	Friesian
Pickard, Mrs C. L., The Grey House, Jacksons Hill, Forton, Net Garstang, Lancs . . .	Dexter	Porritt, J., Manor House Farm, Yarn Road, Stockton-on-Tees, Durham . . .	Friesian
Picker, J. L. & Son, Pepperthorpe, Wainfleet St Mary, Lincoln . . .	L. R. Shorthorn	Porritt, O. W., Torside, Helmsshore, Manchester, Lancs (P)	L. R. Shorthorn
Pickering Bros., Lees Farm, Haydon Bridge, Northumb (P)	Shorthorn	Porritt, Oliver W., Hotchley Farm, East Leake, Loughborough, Leics . . .	D Shorthorn
Pickering, Col E. W. M. P., Netherthorn Hall, W. Wakefield, Yorks . . .	Belt Galloway	Porter, Miss Jane, Twingle, Cotsfield Battle, Sussex	Jersey
Pickering, J. W., Mousley House Farm, Hinton, Warwex	D Shorthorn	Porteous, Lt-Col J. J., Ashborne, Warwick . . .	Shorthorn
Pickering, R. R., East Dean Row Langley-on-Tyne, Northumberland . . .	Shorthorn	Porter, Messrs., The Gull, Blackford, Carlisle, Cumb	Aberdeen Angus
Pickering, W., Seaford Lincoln . . .	L. R. Shorthorn	Porter, Miss G. M., The Cottage, Westland Green, Little Hadham, Herts . . .	Jersey
Pickford, R. J., Church Farm, Dunderdon Bath Som . . .	Gurnsey	Porter, R. G. H., Toulbrick, Hambleton, Poulton-le-Fylde, Lancs . . .	D Shorthorn
Pickford, Miss S. S., The Firs, Combe Down, Bath, Som	Friesian	Porter, R. G. H., Toulbrick, Hambleton, Poulton-le-Fylde, Lancs . . .	D Shorthorn
Pickman Capt. C. E., Brownhills, Leetwood Som . . .	Friesian	Porter, R. G. H., Toulbrick, Hambleton, Poulton-le-Fylde, Lancs . . .	D Shorthorn
Pickup, J. A. E., High Denton, Ilen Rhudding, Yorks . . .	Shorthorn	Porter, R. G. H., Toulbrick, Hambleton, Poulton-le-Fylde, Lancs . . .	D Shorthorn
Pickthall, G. & Son, Bradley Farm, Hunsicker, Miltthorpe, Westmorland . . .	Shorthorn	Porter, W. McN., Fairlaw, Clay Hill, Enfield, Middlesex . . .	Jersey
Pickthall, W. & Son, Century House, Whaplode, Holbeach, Lincs . . .	L. R. Shorthorn	Porter, W. McN., Fairlaw, Clay Hill, Enfield, Middlesex . . .	Jersey
Piddington (Northants) Estates, Ltd., Horton, Northants	Friesian	Portland, Duke of, Welbeck Abbey, Worksop, Norths. (P)	Aberdeen Angus
Pidduck, T. S., The Woodlands, Abinger, Cheshire . . .	Friesian	Portman, Hon Mrs., Hestoncombe, Taunton, Somerset . . .	Shorthorn
Pigg, Edward, The Woodlands, Abinger, Cheshire . . .	Friesian	Portman, Hon Mrs., Hestoncombe, Taunton, Somerset . . .	Shorthorn
Piggott, L., Parkhurst, Bezier, Kent . . .	Jersey	Portman, Hon Mrs., Hestoncombe, Taunton, Somerset . . .	Shorthorn
Pike, A. M., Church Farm, Hylton, Trowbridge, Wilts . . .	D Shorthorn	Portman, Viscount, Existed Park, Sussex . . . (A)	Jersey
Pike, Robert, Lord Wantage Berks . . .	D Shorthorn	Portway, B. H., Pratham Hall, Pratham, Suffolk . . .	Shorthorn
Pike S. J., Telford, Salisbury, Wilts . . .	Friesian	Portway, G. Webb, Combe Showmarr, Suffolk . . .	Friesian
Pile, J. C., Sturton Grange, Warkworth, Northumb . . .	Aberdeen Angus	Pote, F. W. T., Shadrick Farm, Berry Pomeroy, Totnes, South Devon . . .	South Devon
Pilkington, Alan D., Dean Wood, Newbury Berks . . .	Gurnsey	Pott, Rev A. P., Great Millon Manor, Warrington, Berks	Jersey
Pilkington Mrs. G. Herbert, Wreathill, Hutton Lancs. . .	Jersey		

CATTLE BREEDERS—ENGLAND.

Name and Address	Breed	Name and Address	Breed
Ravenhill, W. Lasebery, Claygate, Surrey	Guernsey	Richardson, Messrs, Coathill Hill, Alston, Cumberland	Galloway
Raw, G., Ashton House, Farnley, Leatholm, Yorks	Shorthorn	Richardson, Colm, 10, North, Bury St. Edmunds, Suffolk	Red Poll
Rawe, J., Church Farm, Bramshall, Middlesex	Shorthorn	Richardson, F., Poistead, Colchester, Essex	Red Poll
Rawes, John Brooklin, Stamford, Kent	Shorthorn	Richardson, F., Burket Hall, Wootton, Essex	Friesian
Rawle, J. L., South Quay, Whedder, Cross Taunton, Devon	Shorthorn	Richardson, J., Herbert, Cotesbach, Ruckley, Essex	Shorthorn
Rawle, J. J., Southwood, Hartley Wintney, Basingstoke, Hants	Jersey	Richardson, J. C., Thorpe lands 1 Ais, Barton, Northants (A)†	Shorthorn
Rawle, Walter, Park Farm, Cranford, Middlesex	Friesian	Richardson, J. J., Cross House, Gt. Leicester, Leicestershire	Shorthorn
RAWLEY, J., Church Farm, Bramshall, Middlesex	Shorthorn	Richardson, J. J., Cotterscotk, Peterboro', Northants	Aberdeen Angus
RAWLEY, M. W. H., Well Vale, Alford, Lincs.	Shorthorn	Richardson, J. R., Harewood, Whitfield Kendal, W. M. land	Shorthorn
Ray, John Dean Head, Nr. Gleditch, Devon	Shorthorn	Richardson, J. R., Stamford, Newcastle-on-Tyne	Shorthorn
Rayleigh, The Lady, Beaufort Castle, Hexham, N. Hants	Shorthorn	Richardson, R. H., Scalthwatering, Stocks, Kendal	Friesian
Rayleigh, Lord, Terling Place, Chelmsford, Essex	Shorthorn	Richardson, R. J., Ramsholt Lodge, Alderton, Woodbridge, Suffolk	Friesian
Rayner, J. P., Dilton Hall, York	Shorthorn	Richardson, Mrs S. H., Guttering Grange, Lower Guttering, Gos	Shorthorn
Rayner, Oscar Wetzyn, Chirevelly Manor, Chirevelly, Berks	Shorthorn	Richardson, T. L., 40 Scotland Rd., Stanwix, Carlisle, Cumb	Shorthorn
Rayner-Wood, Mrs A. C., Old Colfax, Malvern, Berks	Shorthorn	Richardson, T. L., Heggie Lane, Heskett Newmarket, Wigan, Cumberland	Shorthorn
Raynham, John, Langmore Lodge, Soale Diss, Norfolk (A)†	Shorthorn	Richardson, W. R., Laverock Bridge, Kendal, W. M. land	Shorthorn
Rea, F. H., Kitesnest Farm, Barton under Edge, Glos (P)†	Shorthorn	Riches I. H., Bottom House, Bix, Henley-on-Thames, Oxon	Shorthorn
Read, Sir A. L., Lucknam Estate, Colerne, Chippenham, Wilts	Shorthorn	Riches, T. H., Atwell's, Shenley, Herts	Shorthorn
Read, W. V., Cleber Grange, Alford Lincs	Shorthorn	Richey, T. Col F. W., East Johnstone, S. Minton, Devon	Shorthorn
Read, W. J., Stanton St. Bernard, Marlborough Wilts (A)†	Shorthorn	Richmond & Gordon, Ditch of, Home Farm, Goodwood, Chichester, Sussex	Shorthorn
Readman, W. F., Flaxstaff Farm, Aylesbury, Bucks	Shorthorn	Richmond, H. N., Brightleigh Home Farm, Otford, Surrey	Friesian
Reading, J. E., Lexley Lane, Stratford-on-Avon, Warwick	Shorthorn	Richmond, B., Oldcotes Manor, Rothenham, Yorks	Shorthorn
Reay, Capt. S., Rectory Farm, Langford, Lechlade, Glos (A)†	Shorthorn	Richardson, J. W., Scots Hall, Westleton, Saxmundham, Suffolk	Shorthorn
Reay, Capt. T., The Hill, Bishop's Cleeve, Shropshire	Shorthorn	Rickerby, Wm, Treconning St. Colum, Minor, Cornwall	Shorthorn
Rebans, W. & Sons, Southfield, Farnley, Westmorland	Shorthorn	Ridckman, C. C., Higher Cyniffe, Avelon Gifford, Kingsbridge, Devon	Shorthorn
Redcliffe, J., Hole Farm, Here Ave, Devon	Shorthorn	Ridickman, J. F., The Hyde Chart, Surrey	Shorthorn
Redford, Thos. H., Foxfield, Petersfield, Hants	Shorthorn	Ridgely, B. C., Higher Cyniffe, Avelon Gifford, Kingsbridge, Devon	Shorthorn
Redmayne & Bagley, Flamborough, Orston, Notts	Shorthorn	Ridgely, B. C., The Hill, Eton, Leamster, Hereford	Shorthorn
Reed, Charles, Nettlesworth Place, Ambleside, Westm'd.	Shorthorn	Ridley, J. W., Wootton Cottage, Dunster, Som	Shorthorn
Reed, J. L., Haves Farm, West Wickham, Kent	Shorthorn	Ridley, A. H., Park End, Wark-on-Tyne, Northumberland	Shorthorn
Reed, James Eastcombe, Heanton, Braintree, Devon	Shorthorn	Ridley, Mrs C., South Wambrook Lodge, Wichefield Hants	Shorthorn
Reed, John, Clatworthy, Fulgish, Barnstaple, Devon	Shorthorn	Ridley, E. D., Town End, Watermill, Farnham, Hants	Shorthorn
Reed, Wm., Longham, Crediton, Devon	Shorthorn	Ridley, B. O., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Rees, B. M., Bridge Farm, Wellington, Hereford	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
REES-MOOD, Mrs GRAHAM, Clifford Manor, Stratford-on-Avon, Warwick	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reese, J. T., Summerleaze Farm, Redwax, Major, N. Hants	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reeve, Capt. J., Leadenhall House, Lincoln	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reeve, R. H., Hazeleigh Lodge, Hazeleigh, Chelmsford, Essex	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reeve, W., Old Place, Sandhurst, Kent	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reeves, H. P., Spire Flat, Beaumhart, Utterson, Staffs	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reid, E. T., Sarsfield Farm, Wembury, Plymouth, Devon	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reid, Mrs H. J., Thorpe Hall, Lincoln	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reid, John L., Mapledon, Kent	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reid, Col P. L., Thorpe Mandeville Manor, Hanbury, Oxon	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reid, Thomas, Colleton Cottage, Chumleigh, Devonshire	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reid, Wm., Jillywood Farm, Bentley, Beverley, Yorks	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Reiss, F. F., Dowsland Manor, Andover, Glos	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Remnant, Sir J. F., Bt, The Grange, Here Hatch, Weyford, Berks	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Rennie, J. H., Northcote, Kirk, Mon	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Renshaw, S. H., Myrsoch House, Garsington, Lancs (A)†	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Renwick, Maj. G. A., Sandcroft, Great Buckworth, Chs	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Renwick, John, Panthrust Farm, Sevenoaks, Kent	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Renwick, John, Claver Hill, Lambly, Carlisle, Cumb	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Renwick, W. H., Newburgh, Richmond, Yorks	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Renyard, Arthur W., Stocks Farm, Meech, Bishops' Cleeve, Shropshire	Shorthorn	Ridley, E. D., Stephens Grange, Billesdon, Leicestershire	Shorthorn
Retalick, R. J. C., Rosemoulin, Nymman, Falmouth, Cornwall	Shorthorn	Ridley, E. D., Stephens Grange, B	

Name and Address	Breed	Name and Address	Breed
Roberts F A Bromley Court Horwath Hereford (s)	Hereford	Rogers J T The Hill Castle Frome Ledbury Hereford	Hereford
Roberts Frank Colnmoor Farm Horehays Salop	Friesian	Rogers J W The Croftfield Abercromby Mon	Hereford
Roberts G Freland Rd Long Hanborough Woodstock	Shorthorn	Rogers Richard Weymouths Gilmpton Kingsbridge Dvn	South Devon
Roberts H D Hill House Farm Beare Green Nr	Red Poll	Ross W M The Port Lodge Horton Kirby Kent (h)	Shorthorn
Dorking Surrey		Roske T Heworth Doss Norfolk	Red Poll
Roberts Hedley Dagatelle Market Harborough Leics	Jersey	Rollin John Wm Brick House Farm South Fam	Friesian
Roberts J Bodnick St Stephens St Austell Cornwall	South Devon	bridge Rochester Essex	
Roberts J P Sparrow Lea Town Cornwall	South Devon	Rook C J Habton Malton Yorks	Shorthorn
Roberts O The Grey Down Farm Cattedale Sussex (s)	Sussex	Rook F R Manor Farm, Colmore Alton Hants (h)	D Shorthorn
Roberts John R Lettonia Newquay Cornwall (h)	Devon	Rooke A J Great Guiton Shobrook Credton Devon	Devon
Roberts Mark Farthing Park Morchard 1 ship Devon	Devon	Rooke P J Hill House Silverton Devon	Shorthorn
Roberts Dr Sidney The Gables Lanslade Bucks	Friesian	Rootham F Four Winds Litchstone Suffolk	Shorthorn
Roberts T G Elkesmere Salop	Friesian	Roper Corbett The Laurels Lengborough Bucks (h)	D Shorthorn
Roberts W E Joppell Farm Haver Cornwall	Shorthorn	Roper G D Forde Abbey Chard Somerset	Devon
Roberts W H M Ivy Barton St Ives Liskeard Cornwall	South Devon	Rose Eric H Leweston Manor Sherborne Dorset	Guernsey
Robertson Andrew Hill end Farm Watford Herts	Friesian	Rose Stanley Kimblewick Princes Rushmore Bucks	D Shorthorn
Robertson David The Rookery Chew Marina Somerset	Friesian	Rose & Worster High eld Wargrave Berks	Shorthorn
Robertson W P Deans Farm Debden Saffron Walden Essex	D Shorthorn	Roseanne Mrs Camlusk Farm Godolphin Cross Guernsey	
Robins T H The Croft Br dnoth Salop	Hereford	Breach Heston Cornwall	
Robinson A R Strickley Farm Oxenholme Kendal D Westmorland (s)	Shorthorn	Roskill C Trewallan, Menheniot Cornwall (s)	South Devon
Robinson B The Berches Hundley Spelsby Lancs	L R Shorthorn	Rokuge T F Teldy Barton Camboe Cornwall (h)	Shorthorn
Robinson Dr C B Sherwood Parnast Castle Durham	Shorthorn	Ross T B Bellan Alford L n s (h)	L R Shorthorn
Robinson C H Moor Wood Crecaster Glos (p)	Shorthorn	Ross Johnson Lt Col H Mettingham Castle Bangay Suffolk	Friesian
Robinson C L P Hixton Hall Gt Chesterford Essex	Jersey	Ross col A E Le The Holt, Upham Hants	Guernsey
Robinson Chas Ringway Ayrneham Chesh	Shorthorn	Rosster H Burton South Hush Kingsbridge Devon	South Devon
Robinson E & Son Ashdown St Mary Louth Lancs	L R Shorthorn	Rosster H Fishacre Littlehampton Totnes Devon	South Devon
Robinson E T D Sikes Farm Harpham Louthorpe SO Yorks	Shorthorn	Rosster J Cholwells Kingsbridge Devon	South Devon
Robinson Lt Col F D V D The Manor House Chatburn Clithero Lancs (h)	D Shorthorn	Rosster Paul B Treia new Dartmouth Rd Paignton Devon	South Devon
Robinson Mrs F W Cold Itiel Llandyngos Chepstow Mon	D Shorthorn	Rosslyn Rt Hon The Earl of Hanger Hill Coolham Sax	D Shorthorn
Robinson F W D Rnos Hall Berdley Suffolk (h)	Friesian	Rosston Edward Mayfield Flat Fm Cross in Hand Sax	Friesian
Robinson G Heathcote Towcester Northants (s)	Shorthorn	Rothery A Gubbers Il Iron Holmrook Cumberland	Shorthorn
Robinson G Goland & Co The Hagg Farm New Hutton A dal West Lancs (h)	D Shorthorn	Rothschild J A de Waddesdon Manor Aylesbury Bucks	Red Poll
Robinson George Wythmoor House Winclesall Workington Cumberland	Shorthorn	Rothschild Mrs L de Ascott Wing Leighton Buzzard Bucks	Jersey
Robinson C Albert Hink Ch Hall West Wighourth N hants	Shorthorn	Rothschild Mrs L de Inchmery Exbury Hants (s)	Shorthorn
Robinson H Bumpers Elm Wrescough Garstang Lancs	Friesian	Rotton Gen J G Stokesay Court Onbury Salop	Aberdeen Angus
Robinson H Blackwell Farm Le ab Stoke-on Trent Staffs	Shorthorn	Rouch Martin The Elms Wargrove Suffolk	Friesian
Robinson J The Green Farm Wetherall Carlisle Cumb (p)	Shorthorn	Routledge Col Lord, Roundway Park Devizes Wilt (s)	Jersey
Robinson J C Ash Hall Tathel el Louth Lancs	L R Shorthorn	Routledge John Gubbersley Litchton Camb	Shorthorn
ROBINSON J & H Ford Leazes South (s)	D Shorthorn	Routledge John L Old Salford Dray, S South Cumb (p)	Shorthorn
Robinson J B Sharlston Hall Nr Wetherby Yorks	D Shorthorn	Routley J E Trewithen Tintagel Cornwall	Devon
Robinson S J H Bt J P Greenhill Hall Bingley Yorks	Friesian	Rox Eric G The Wall, Ford End Chelmsford, Essex (p)	Red Poll
Robinson J J Hgh House Brackerton Darlington Durham	Friesian	Roxe C Shearstone Blackwater Devon	South Devon
Robinson J N Son Anlaby Alford Lancs	L R Shorthorn	Roxe Fredk Cavendish Lodge Clipstone Mansfield (s)	Shorthorn
Robinson Jam S Horcliffe Downham Clithero Lancs	Shorthorn	Roxe G Rowe End Farm Marlyate Nr Dunstable Beds	Friesian
Robinson John L Wooton Lown Cleby Lancs (s)	L R Shorthorn	Roxe H Hemerdan Farm Plymouth Devon	South Devon
Robinson John Henry Watercock Kendal W m land	D Shorthorn	Roxe J A Rejorow Newlyn East Grampound Rd Cornwall	Devon
Robinson Joseph Lower Garsgill Remington Clithero Lancs	Shorthorn	Roxe J C W Trevejo Lestwithell Cornwall	South Devon
Robinson P D Mackles House Sudbury Derbyshire	Friesian	Roxe Exors of T South Fm Brixton Plymouth Devon	South Devon
Robinson Peter Moor Close Workington Cumberland	Shorthorn	Roxe W H Boscome St Just Cornwall	Guernsey
Robinson The Rev R Southurst College Blackburn Lancs	D Shorthorn	Roxe Wm Fairfield Abbotseckweil Newton Abbot Dvn	South Devon
Robinson R Elmfield Braithwell Nr Rotherham Yorks	Friesian	Rowell W P Court Barton Colfinswell, Newton Abbot Dvn	South Devon
Robinson Romfield Smithfield Farm Thackley Nr Bradford Yorks	Friesian	Rowlands D The Shrubbery Milmouth	Hereford
Robinson S Ashton Close Swales Ashbourne Derby (h)	Shorthorn	Rowlandson G A Unthank Hall Skelton Iemth Cumberland (p)	Shorthorn
Robinson Stewart The Ovals, Kingston Herefordshire (s)	Hereford	Rowlandson J Epworth House Portland Pace Penrith Cumberland (h)	Shorthorn
Robinson T G Cleatfall Hall Winston Darlington Durham	Shorthorn	Rowley G Fyfield Priory Hill St Aunts Hants	L R Shorthorn
Robinson Thomas Sandgate Ho se Brompton North allerton Yorks	Shorthorn	Rowlands Wip Johnstone Wargrove Cornwall (h)	Jersey
Robinson Thomas Holme Seales Kendal W m land (h)	Shorthorn	Rowntree Oscar F Cherry Hill Brandis Lissington Yorks	Jersey
Robinson W Beech Farm Ashpore Danby Yorks	Shorthorn	Rowse J Brookhills Harborton SO Devon	D Shorthorn
Robinson W Shells Ash Stanhope Co Durham	Shorthorn	Rowse Thos Colomfort Arrow Alcester Warwick	South Devon
Robinson W D Charity Farm Thornton Dale Yorks	Shorthorn	Royce Tomkyn Col J W Little Haugl Norton Bury St Edmunds Suffolk	Guernsey
Robinson Walter H 11 nero 2 Scawby Dring Lancs	Friesian	Royden Sir T Br Frankly Hall Frankly N hants Chesh	
Robinson Wm Elm Tree Preston Patrick Milmorpe Westmorland	Shorthorn	Royce J Edmund Stubton Hall Newark Notts (p)	Jersey
Rotham J Tatenhill Farm Burton on Trent Staffs	Shorthorn	Royce J T & N C Woodford Lodge Hartshill Nampton Warks	Shorthorn
Rotham A Thornton Hall Framst s Sussex	Shorthorn	Rorenburg Major Rutgers van Aylburtun Lydney, Glos	Friesian
Rotham, Edward Jun Burn 11 The Hexham Northumb	Callaway	Rubeck O Portman Valencia Merth Green Horley Surrey	Guernsey
Rotham J editor Newson Tasset North Tyas Northumb	Galloway	Rudd John North Radworthy North Molton Devon (s)	Devon
Rotham J Newton Tasset Northumb	Shorthorn	Rudd T Duffton House Salkeld Dykes Penrith Cumb	Shorthorn
R. Jones James Redkeworth Tasset Northumberland (h)	Shorthorn	Rudge A E S Son Bawham Ross Hereford	Aberdeen Angus
Roberts John Harlema a Shop Westmorland	D Shorthorn	Rudkin A, Woodbank, Bilbury Leicester	Shorthorn
Roberts Wm Cranage House Slap West Lancs	Shorthorn	Rus Lach G Northants Russes	Guernsey
Rochford J H Hite W Walsall Walsack Cambs (h)	Shorthorn	Rutley Mrs A C Clift Russes Bury St Edmunds Suff	Red Poll
Rod J J Springfield Hgh Beech Loughton Essex	Friesian	Rutley Frank Jark Gate Castle Hed nham, 1 ssex	Red Poll
Roeburn W J Horton House Wern Salop	Shorthorn	Rutleys-Brise A W Spains Hall Braineire 1 ssex	Jersey
Rogers J F L The Hedgesons Conelston Cheshire (h)	Shorthorn	Rule Charles Alfred Hensons Wargrove Warwick	Friesian
Rogers J L Rockley House Camberley Surrey (p)	Dexter	Rusfield G J Manor Farm Domes Windsor Berks	Shorthorn
Rogers J Bromley & Sonington SO Devon	South Devon	Rumney H J Hollet Hill Iemth Cumberland	Shorthorn
Rogers B S Lower House Fm, Walsbury Lebury H flord	Hereford	Runciman Mrs Daxford Canthil Northumberland	Ayrshire
Rogers Dr Oakley 11 Greenhill Kingston Hereford	Hereford	Rundell Maj W O Sibton White House Saxmundham, Sax	Red Poll
Rogers Daniel 11 Carlisle 11 Farm Beley Heath S nt	Friesian	Rundell Mrs A The Barton Coln St Columb Cornwall	South Devon
Rogers The Rev H L St M Charl's Rectory Stamford Lincs	Shorthorn	Rundell Thos Rosertans St Columb Cornwall	South Devon
R. W. J J, Arkness Court, Kingston Herefordshire	Hereford	Rushon Major H I Stoke Priory Broomgrove Wores	Shorthorn
R. W. J J R Chatterbox Bokingham	Shorthorn	Rushon J H Barnacre Lodge, Stratford Lancs (h)	Friesian
		Rushon J W Wood Farm Mugh 11 Liverpool Lancs	D Shorthorn
		Rushon W I, Fir Grove 11 Farm, Liverspool Lancs	Shorthorn
		Russell Mrs A Bligh Hill Oundle Northants	Aberdeen Angus

Name and Address	Breed	Name and Address	Breed
Russell, Capt A. E. <i>Eleonora House</i> Chichester, Sussex (p)	Guernsey	Saunders, W. M. <i>Wennington Hall</i> Lancaster	Twente
Russell, The Hon. E. S., <i>Hamilton</i> Stanmore Hendonshire	Hereford	Saundersman, Amos D., <i>Bagnor Manor</i> , Newbury Berks	Friesian
Russell, F. E. <i>Dragons</i> <i>Black Horse</i> St. Edmunds Suffolk	Red Poll	Savage Mrs. The Old Hall <i>Croby</i> Leicester	Guernsey
Russell, F. H. <i>High Street</i> , Hereford	Hereford	Savage, T. Col. C. M. <i>Deadwell Grove</i> , Bedford Oxon	Red Poll
Russell, H. <i>Newton House</i> , Kirkbridge Carlisle Comb (M)	D. Shorthorn	Savage, J. H., <i>The Leasowes</i> Adamston Wellington Salop	Friesian
Russell, C. E. <i>North Farm</i> , Infraston Essex	Red Poll	Savill, Catherine E., <i>Whitfiers Farm</i> Enderbidge Kent (A)	Friesian
Russell, T. R. <i>Gretton</i> Wymchombe Glos	Shorthorn	Savill, C. E., <i>Wellford Grange</i> , Rugby Warwick (A)	Red Poll
Russell, W. T. <i>Hattemere Hall</i> Ectingham Sussex	Sussex	Saville C. C. <i>Green Farm</i> Pettistree Wickham Bkts. Suff	Friesian
Russell, Smith A. <i>North Houghton Manor</i> Stockbridge Hants	D. Shorthorn	Savery, A. J., <i>High Rise</i> Great Ryburgh Norfolk	Friesian
Rutherford Mrs. A. <i>Blackmore</i> Elmley Heath Surrey (p)	Jersey	Sayer, Maj C. C. <i>Patricz West</i> Eps. Battle Sussex	Guernsey
Rutherford Andrew <i>The Firs</i> Poulton Fairfield Glos	Ayrshire	Sayer, J. <i>Strathmore House</i> Cleatman Winton Dartmouth Dorset	Shorthorn
Rutherford, C. C. <i>Wacklands</i> Newchurch Isle of Wight	Shorthorn	Sayers A. J. R. <i>Crounede House</i> , Blandford Wilts (A)	Friesian
Rutherford, J. <i>Allenslands</i> Low Row Catliffe Comb	Shorthorn	Sayers, Maj. L. D. W. <i>Alston Hall</i> Holbourn Devon	South Devon
Rutter, J. T. & J. G. <i>Benn</i> Wotton Lincoln	Shorthorn	Scarborough Earl of Sandbeck Park Malby Rotherham Yorks	Shorthorn
Ryall, E. <i>North Farm</i> , Blynghen Bath Somerset	D. Shorthorn	Scarlett, W. <i>Wetherall</i> Allon Lancs	L. R. Shorthorn
Ryall, Wm. <i>Alston</i> Callington Cornwall	Friesian	Scarlett Mrs. Harry <i>Preston</i> Eps. Lewes Sussex (A)	Jersey
Rycroft, S. R. B., <i>Dunmore House</i> Basingstoke Hants	South Devon	Scarr, Robert <i>Brinsford</i> Sedburgh Yorks	Shorthorn
Ryder, The Ladies <i>Constance & Margaret & Lady Audrey</i>	Jersey	Schofield A. W. <i>South Leveiton</i> Retford Notts	Shorthorn
Ryan, Anson <i>Knowle</i> Dunster Somerset	Red Poll	Schofield C. C. <i>Hill Top Farm</i> Tadcaster Yorks	Friesian
Ryder, F. B. <i>Langham Hall</i> Bakenham Norfolk	Shorthorn	Schofield, C. Wm. <i>Wakot Lodge</i> Iotheringay Lancs	Shorthorn
Ryder, W. M. <i>Sheep House</i> Dursley Glos	Shorthorn	Scholes, Henry <i>Holthorpe</i> 5 Sandel Todenorden Lancs	Guernsey
		Schreiber, Capt C. S. <i>Marlston Hall</i> Wickham Market Suffolk	Red Poll
S	Jersey	Schroder, Baron B. <i>The Dell</i> Bishopsgate Englefield Green Middlesex	Friesian
SADLER, MRS. HAYES <i>Home Court, Home, Harley</i> Surrey	D. Shorthorn	Schweir W. R. <i>Littledown Farm</i> Lewes Sussex	Friesian
Sadler Robert <i>West Stoke</i> Chichester Sussex	Friesian	Scialler Gilbert E. <i>The Manor House</i> Lewisham Kent	Sussex
Sagar, W. H. <i>Lower Hill Farm</i> Lifford Middlesex	Guernsey	Scialler, M. M. E. N. <i>Royston</i> Langton Lewes Sussex	Guernsey
SAGE, E. <i>Lower Pin</i> Otterton Newton Poppleford Devon	Durham	Scales, George <i>High Pole</i> Eps. Lewes Sussex	Jersey
SAINSBURY, P., <i>Elms</i> Elm Little Wratting, Herefordshire	L. R. Shorthorn	Scarr, W. W. <i>Wood End</i> , Swinton N. Rotherham Yorks	Friesian
SAINSBURY, Lord S. <i>Andres</i> Taunton Somerset (A)	Red Poll	Scarr, E. C. <i>White Hall, Brazebridge</i> Heath Lincoln (A)	L. R. Shorthorn
S. <i>Andres</i> Lord Fairfield Stogursey Somerset	Devon	Scarr, E. C. <i>Nettleham Lodge</i> Lincoln	L. R. Shorthorn
S. <i>Cyres</i> <i>Lancaster</i> , Walsingham Norfolk Hants (A)	Guernsey	Scarr, Frederick <i>Sudbrook</i> Lincoln	L. R. Shorthorn
S. <i>College</i> , <i>Walsingham</i> Walsingham Norfolk	Friesian	Scarr, J. <i>Wakot Lodge</i> Iotheringay Peterborough Northants	L. R. Shorthorn
S. <i>John Lord of Walsingham</i> Walsingham Norfolk	Shorthorn	Scott A. <i>Chan Hill</i> Wantage Berks	Friesian
S. <i>Levan</i> Lord St. Michael's Mount Marazion Cornwall	Guernsey	Scott, The Misses A. F. & M. A. <i>Verder</i> Swell Manor Northants	Shorthorn
S. <i>Major</i> <i>Brook Court</i> Larn Horton Chipping Sodbury Glos	Shorthorn	Scott Alexander <i>Little Court Farm</i> Lynn Lynton Hants	Friesian
S. <i>Major</i> <i>Lady Ernest</i> Winton Manor Marlborough Wilts	Jersey	Scott Charles T. <i>Buckland Manor</i> Broadway Worts (A)	Aberdeen Angus
Sale, Arthur W. <i>Cables</i> <i>East</i> Rotherfield Sussex (A)	Hereford	Scott E. L. <i>Cryals</i> <i>Matfield</i> <i>Paddock</i> Wood Kent (A)	Friesian
Sale, C. V. <i>Anton</i> <i>Roxton</i> <i>Home</i> <i>Anton</i> <i>Roxton</i> <i>Home</i> Devon	D. Shorthorn	Scott, F. C. <i>Madon Grange</i> H. <i>Adenham</i> <i>Wetherford</i> Kent	Friesian
Sale, H. W. <i>Coates</i> <i>Manor</i> <i>Ardeley</i> <i>Stevens</i> <i>Herts</i>	Friesian	Scott, Frederick <i>Park Gate</i> <i>Helmington</i> <i>Suffolk</i>	Red Poll
Salmon, Capt H. P. <i>Tackington</i> <i>Manor</i> <i>North</i> <i>West</i> <i>Glos</i>	Guernsey	Scott, Frederick Wm. <i>Abchurch</i> <i>Capel</i> <i>Surrey</i>	Jersey
Salmon, J. H. <i>Deve</i> <i>House</i> <i>Em</i> <i>Wouth</i> <i>Great</i> <i>Chesham</i>	D. Shorthorn	Scott, Col. <i>Laur</i> <i>nee</i> <i>Hammond</i> <i>Lodge</i> <i>Bracknell</i> <i>Bkts</i> (A)	Devon
Salt, H. W. <i>Huffen</i> <i>Heath</i> <i>M</i> <i>Chelver</i> <i>Devon</i>	D. Shorthorn	Scott, Col. <i>Laur</i> <i>nee</i> <i>Hammond</i> <i>Lodge</i> <i>Bracknell</i> <i>Bkts</i> (A)	Devon
Salt, H. W. <i>Huffen</i> <i>Heath</i> <i>M</i> <i>Chelver</i> <i>Devon</i>	Devon	Scott, Horace <i>Harold</i> <i>Hants</i> <i>Devon</i>	Shorthorn
Salter, Robert <i>North</i> <i>Newton</i> <i>St. Cyres</i> <i>Latter</i> <i>Devon</i>	Shorthorn	Scott, James H. & Sons <i>Tan House</i> <i>Farm</i> <i>Charnock</i> <i>Lancs</i>	Friesian
Salter, W. <i>Park Farm</i> <i>King</i> <i>gillham</i> <i>Devon</i>	Friesian	Scott, Richard <i>Chorley</i> <i>Lancs</i>	Guernsey
Salter, W. A. <i>Mil Farm</i> <i>Weymouth</i> <i>Suffolk</i>	Guernsey	Scott, Jerome B. <i>Rotherfield Park</i> <i>Alton</i> <i>Hants</i>	Guernsey
Saltmarsh H. A. <i>Great</i> <i>Bradley</i> <i>Hall</i> <i>Weymouth</i> <i>Suffolk</i>	Guernsey	Scott, Lady <i>Sophie</i> <i>Westbury</i> <i>Manor</i> <i>Bradley</i> <i>Northants</i>	Guernsey
Saltmarsh, H. A. <i>Great</i> <i>Bradley</i> <i>Hall</i> <i>Weymouth</i> <i>Suffolk</i>	Guernsey	Scott, Lady <i>Sophie</i> <i>Westbury</i> <i>Manor</i> <i>Bradley</i> <i>Northants</i>	Guernsey
Saltmarsh, H. A. <i>Great</i> <i>Bradley</i> <i>Hall</i> <i>Weymouth</i> <i>Suffolk</i>	Guernsey	Scott, Lady <i>Sophie</i> <i>Westbury</i> <i>Manor</i> <i>Bradley</i> <i>Northants</i>	Guernsey
Saltmarsh, H. A. <i>Great</i> <i>Bradley</i> <i>Hall</i> <i>Weymouth</i> <i>Suffolk</i>	Guernsey		

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Name and Address	Breed	Name and Address	Breed
Seldon, W. A., Hook Gr Farm Warshaw Southampton Hants	D Shorthorn	Shirley, J. L., Silverton, Blechley, Bucks	D Shorthorn
Selden, Walter, Rook Farm Chaldon, Caterham, Surrey	Kerry	Shirley, T. J., Baucott Craven Arms Salop	Hereford
Sell E. A., White Hall Farm, Lacock, Chippenham, Wilts	Shorthorn	Shurt, Geo. H., Home Fin, Effingham Lane Dorking Surrey	Friesian
Sellick G. T., Langford, Uppington, Ivybridge Devon	South Devon	Shoemakers, J., Howerton Farm, Speldhurst, Tunbridge Wells, Kent	Guernsey
Sennett Henry, Wycombe Cornwall	Guernsey	Shore, John Henry, Whalley Combe, Nr Frome, Somerset	Jersey
Sennems S. Trevarthian St Hilary, Marazion Cornwall (A)†	Shorthorn	Shorland, G., Normanshead Henley on Thames, Oxon	Friesian
Senior, G. W., West Cowick Snaith Yorks	Friesian	Short Bros., Pitsham Farm, Midhurst, Sussex	Shorthorn
Senior, Geo., Lowerfield Farm Hinton Chippingham Wilts	Friesian	Short, W. J., Bost St., Pinnock, Liskeard, Cornwall	South Devon
Senior, George, Holworthy, Devon	Friesian	Shortbridge, The Pasture, Allendene, Northumberland	Shorthorn
Setterington T., White Quarry Farm, Harewood, Tadcaster Yorks	Friesian	Shorridge, T., Dighton Foot, Ruding Mill, Northumberland	Shorthorn
Sewell J. K., Stuston House, Diss Norfolk	Red Poll	Shufflebotham, J. M., The Burgers Bromyard, Worcs.	D Shorthorn
Sewell R. W., Burn Mill, Willington Durham	Shorthorn	Shute Wm, E. The Grange, Lanchester, Cornwall	Devon
Seymour, Charles Evelyn, Kilberrys Farm, Winkfield Berks	Jersey	Shuttlewood E., The Grange, Sutton in the Elm Leicester	L. R. Shorthorn
Seymour May Edward M.V.O., D.S.O. Iwer Lodge Iwer Bucks	Guernsey	Shuttleworth T. H., Sliden Co op Soc., Ltd., 71, Keighley Road, Salford, Yorks	Friesian
Seymour, Col. Lord H., Park Hall Salford Priors Evesham	Jersey	Sibby, Capt. T. M., Walsley College, Stonehouse Gloucester	D Shorthorn
Seymour Hugh Francis Potterells Hatfield, Herts	Jersey	Siddall, Joseph M., Limestone Hall Walsley Bridge, Nr Sheffield Yorks	Friesian
Shapland C. Copp Hall Molland Barnstaple Devon	Devon	Sidbottom, H., Lanwade Hall, Kentford, Newmarket, Suffolk	D Shorthorn
Sharp, Sir Edward, Bart., Warden Court, Wadstone Kent	Guernsey	Sidbottom, May R., Rothamsted, Harpenden, Herts	Jersey
Sharp, G. Meadowcroft Cranham Uppminster Essex	Friesian	Sikes, Mrs. D. C., Haulstone House Cricklade, Wilts	Red Poll
Sharp, George, Moresland Bank, Ruthwell Cumb	Ayrshire	Sikes E. H., Fryerning Grange, Inglestone, Essex	Dexter
Sharp, W. T., Artus Farm Great Hucklow Duxton Derby	Friesian	Silcock, R. & Sons Thornton Hall Farm Poulton le Fylde, Lancs	D Shorthorn
Sharp, Wilfred The Manor Maidstone Kent	Guernsey	Silcock, W. J., The Rev. S. J. W. Titsey Rectory, New Oxford, Saltsford W. Yorks	Friesian
Sharpe H. The Boat Inn Whitney-on-Wye Hay Herefd	Hereford	Silcock W. A., Aughton Springs, Ormskirk, Lancs	Jersey
Sharpley, Ernest S. Boswell Louth Lincs	L. R. Shorthorn	Sillars R. & Son, Ickham Court, Canterbury, Kent	Ayrshire
Sharrack H., The Moss Mawdesley, Ormskirk Lancs (A)†	D Shorthorn	Silley, John, The Grove, Epping, Essex	Park
Sharrack, A. & Son Stallingthorne Heckworth W. Wiltshire	Devon	Silver, S. W., Benham, Letcombe-Reps, Wantage, Berks	Park
Shaw D. Cross Hill Farm Bay Horse Lancaster Lincs	Shorthorn	Simkin, Rev. R. Langard, Durdridge, Newent, Glos	Dexter
Shaw, Mrs. D. E. Steyning Manor Stoke Courcy Bridge water, Som	D Shorthorn	Simmons, Henry, Boscon, St. Just Cornwall	Guernsey
Shaw Mrs Edward O.B.T. Welburn Manor Kirby Moorside Yorks	Shorthorn	Simmons, Capt. S. G., Broomfield, Heathfield, Sussex	Guernsey
Shaw, F. W. Horsergrove Farm Rotherfield Sussex	Sussex	Simmons, J. Barrow, Abbots Barton, Winchester, Hants	Red Poll
Shaw, J. Bourton Hall Rugby Warws	Red Poll	Simmons Water T., Beecham, Reading Berks	Guernsey
Shaw, J. T. Lyndon House Market Rasen Lincs	L. R. Shorthorn	Simmons, Wm., Leighton Hills, Leighton Buzzard, Beds	Shorthorn
Shaw John Ten Acres Farm Westhoughton Bolton Lancs	Shorthorn	Simmons J., Newham Hill Farm, Daventry, Northants	Shorthorn
Shaw M. W. Cornwell Lodge, Wokingham, Berks	Shorthorn	Simmons, C. H. & Son, Castle House, Cammerton Yorks	Shorthorn
Shaw S. C., Thornycroft Hall Farm Seddington Cheshire	Shorthorn	Simmons, Charles, Dump Hill House, Brind, Howden, Yks	Shorthorn
Shaw Thomas Station Farm Flinton Yorks	Shorthorn	Simpson, Mrs. E. O., Hazlewood, Tadcaster, Yorks	Jersey
Shaw Wm Garthwood Scorton Garstang Lancs	Shorthorn	Simpson G. V., Corton Denham Sherborne, Dorset	Devon
Sheldon Richard Birks Farm Holmesfield Nr Sheffield	Friesian	Simpson, J. W., Beech House Winkell, Langwathby, Cumb	Shorthorn
Shelley Sir John Bart Shobrooke Park Crediton Devon	Devon	Simpson J., Springfield, Imcredock Penrith Cumb	Shorthorn
SHELLEY-ROLLS LADY, The Hendre, Monmouth	Welsh Black	Simpson, Jos. R., Fulmeston House, Great, Norfolk	Guernsey
Shelley Rolls, Sir John C. I. Bart. Avington Park Wmchester Hants	Welsh Black	Simpson, P. J., Hobhams Heathfield, Sussex	Sussex
Shelton W. B. Strangethorpe Radcliffe Trent Notts	Jersey	Simpson, Philip A., High Firs Brenchley, Kent	Shorthorn
Shelton J. W. Cubary Hill Farm Cuffley Herts	Shorthorn	Simpson Hayward G. H., The Place, Icomb, Shown-on-the-Wold Glos	Shorthorn
Shepherd C. H. Lulandale Ivybridge Devon	South Devon	Simpson, Wm. Hinchcliffe, W. A., Wetherby Grange, Wetherby, Yorks	Shorthorn
Shepherd Stephen Nuteonbe Farm East Allington Dev	South Devon	Sims H. R. Station Farm, Asby Magna, Lutterworth Rugby Warws	L. R. Shorthorn
Shepherd E. Turstall House Farm Kirkby Lonsdale Westmorland	Shorthorn	Sims, Sydney, Vine Farm, Bainton, Stamford Lincs	Shorthorn
Shepherd J. W. Crosscraze Kendal Westmorland	Shorthorn	Sinclair G. M., The Bury, Essendon Hatfield, Herts	South Devon
Shepherd G. F. Vanton Loddsworth Devon	Jersey	Singer, Sir Mortimer, Milton Hill, Stevenage, Berks	South Devon
Shepherd H. North Petherton Bridgewater Somerset	Blue Ayrshire	Singer, W. M. G., Norman Court, Salisbury, Wilts	Shorthorn
Shepherd J. H. Cotton House Market Bosworth Nuneaton Warws	Blue Ayrshire	Singleton, W. W., Bolton Head Gosforth, Cumberland	Hereford
Shepherd, John, Red Hill Farm Petworth, Sussex	Shorthorn	Sinnett, J. L. M., Charlton Hill, Wrexeter Salop	D Shorthorn
Shepherd W. D., Alston Harborough Kingsbridge Devon	South Devon	Sirett, H. A., Middle Aston, Steeple Aston, Oxon	Friesian
Shepherd Frederick Coplands Northiam, Sussex	Sussex	Sisson, R. Great Farm, Stanton by Dale Notts	Shorthorn
Shepperson I. The Chestnuts March, Cambridge	Friesian	Siwell Farming Co., Manor Farm Long Itchington Rugby Warws	Friesian
Sheppy Stanley J. Three Bridges Bradford-on-Tone, Som	Shorthorn	Slacksmith C. F., Brownlow, Anderton, Nr Chorley, Lancs	Friesian
Sherrborne, Lord Sherborne Park Northleigh Glos	Shorthorn	Skedgell, W. E., High Bowden Totnes Devon	South Devon
Sherrbrooke Mrs Cathbert The Manor, Ogbourne St Andrews, Marlborough Wilts	Gloucester	Skellon Capt. A., Rose arne Farm, Woodham Ferrers Chelmsford, Essex	D Shorthorn
Sherrbrooke Capt H. T. Oxton Southwell Notts	D Shorthorn	Skerratt W., Forshbrook, Blyth Bridge Stoke-on-Trent, Staffs	Blue Ayrshire
Sherringham H. C., Imnerie Southham Kings Lynn Norfolk	D Shorthorn	Skinner, C. C., Pound, Bishop's Lydeard Somerset	Devon
Sherringham H. C. & H. V. South Creake Fakenham Norfolk	D Shorthorn	Skinner, J. Pynd Farm Monkton Okhampton, Wink Leigh Devon	Devon
Sherringham, Henry Thornegate Hall East Dereham Norf	Red Poll	Skinner, Jesse, Wresle, Belgis, Lincs	Guernsey
Sherriff A. J., Langford Hatfield Herts	Red Poll	Skinner T., Castle Hill Barton Filleigh Barnstaple Devon	Devon
Sherry Mrs Edith I. Crell House, Brentwood Essex	Dexter	Skippwith, Mrs. C. M., Higham Hall, Northiam, Sussex	Sussex
Sherrill J. N. 13th Hurton St Wincow Lostwithiel Cornwall	South Devon	Skippwith, Capt., Loversall Hall, Doncaster, Yorks	Friesian
Sherrwood Charles How Hall Wickham Market Suffolk	Friesian	Skippwith Rev. G. Gore, Oakfield Mortimer, Berks	Jersey
Sherrwood R. H., Hazeath, Tunstall Suffolk	D Shorthorn	Skymne, H., Hierarchy Court, Leominster, Hereford	Hereford
Sherrwood S. R. Playford Ipswich, Suffolk	D Shorthorn	Slack, J. H., Leitherton Hill Aldenham Herefordshire	Shorthorn
Sherrwood W. W. Ashby Rd Ludlow Shropshire	Hereford	Slack Isaac Newton Desmone Wetherall Carlisle Cumb	Shorthorn
Sherr L. G., Colledge Farm Hereford	Hereford	Slade A. Merton Willatts Hill Litchingham, Sussex	L. R. Shorthorn
Sherr T. G. Hows Bucks Wotton Underwood, Cumberland	Friesian	Sladen, Ma) Alex G. Lambart, Nr C. Kingswood House, Wiltshire	Jersey
Sherris, Sir D. A., Colinswood Farmham Crampton, Lucks	Friesian	Slater G., Fiskerwick Park Farm Leicfield, Staffs	L. R. Shorthorn
Sherris J. T., Flogdgate Farm Berkeleys, Glos	Leicester	Slater, Joseph, 3 Belle Grove Villa, Newcastle-on-Tyne Northumberland	D Shorthorn
Sherr W. B., Newwood House Park near Trent Staffs	Blue Ayrshire	Slater Mrs. A., The Lion Fernhill Cropwell Butler, Notts	Friesian
Sherrington H. C., Long Road Ashby, L. Bakewell Derbyshire	South Devon	Slater Mrs. J. H. and A. Newport Salop	L. R. Shorthorn
Shimwell J. D., Long Road Ashby, L. Bakewell Derbyshire	Blue Ayrshire	Sladman, A. T. R., Church Farm, Glandford, Norfolk	Red Poll
Shimwell T. & Sons, How Farm Rowley, Derbyshire	Blue Ayrshire	Silbert A. Treigels, Ladbroke Cornwall	Devon
Shimwell, J. I., Sunnyfield Ashburton Devon	South Devon	Singer Edmund, Court Lane, Radwick, Stroud, Glos	Friesian
Shimwell R. S., West End Lushington Devon	South Devon	Singer, J. H., Leitherton Hill Aldenham Herefordshire	Jersey
Shimwell H. C., Norton Pottery Notts	L. R. Shorthorn	Singer, Walter J., Prince's Hill, Chelmsford, Essex	Friesian
Shimwell R. H. Manvers Church Breighton Derby	Blue Ayrshire	Singer, E. M., 1st Oak, Lathleigh, Hants	Devon
Shimwell T. Wincobbe Lushington Breighton Trent Staffs	Blue Ayrshire	Singer, W. L., Lashbrook, Bradford, Bradford, Yorkshire	Devon
Shimwell T. Wincobbe Lushington Breighton Trent Staffs	Jersey	Singer, John N. Norton Farm Churchstow, Kingsbridge, Devon	South Devon

Name and Address	Breed	Name and Address	Breed
Smalley, B. Stone Hill Farm Grindleton Citheroe, Lancs	Shorthorn	Smith, Wm, The Leen, Pembridge, Hereford	Hereford
SMALLEY, J. B. Barkby Hall, Oak in Cartmel, Lancs (sp/Ad)	D Shorthorn	Smith, Wm, Upton Court, Tenbury Wells, Worcs	Hereford
Small, R. Antlers House, Gossall Hall, Yorks	Friesian	Smith, Wm, The Leen, Pembridge, Hereford	Friesian
Smallbridge, George, Upparott, Tawstock, Hants	D Devon	Smith Wm T & S H. Mill Farm, Islip, Oxon	Friesian
Smallwood, J., Rakehouse House Radnage High Wycombe, Bucks	Hereford	Smith Neill, Col Jas Wm, Kirtlington Park, Kirtlington, Oxon	Jersey
Smallwood, John, Lamcoby Hall Skelton, Cumberland	Shorthorn	Smith Rewie, H G., Nettleton Chase, Ipswich, Suffolk	D Shorthorn
Smardge, Alfred, Borough, East Alington, Devon	South Devon	Smith Ryland, C. J., Barford Hall, Warwick	Shorthorn
Smarr, George, Edward, Combe Hay Manor, Bath, Som	Friesian	Smith, Wm, The Leen, Pembridge, Hereford	Friesian
Smarr, W. The Duncle, Green Norton Towcester, Nants	L R Shorthorn	Smithson, G. P., Langley, Chilworth, Guildford, Surrey	Friesian
Smawton, Edward Hathers, Loughborough, Leicester	Friesian	Smithson, H S C, Berry's Croft Dorking Surrey	Shorthorn
Smecton, Capt W Mills, Ivy House, Highclere, Newbury, Berks	Guernsey	Smithson S F, The Old Rectory, Finchampstead, Berks	Guernsey
Smeldon, J., Gages, Ashburton, Devon	South Devon	Smith, Hon Mrs L., Ashton Court, Long Ashton, Bristol	Jersey
Smeldon, W., Hucher Luson, Yalington S O, Devon	South Devon	Smith, Capt G R Watson, Wadhurst Castle, Wadhurst, Sussex	Jersey
Smethurst, H., Olleston Hall Fm, Knutsford, Cheshire (st)	Friesian	Smith W R, Orswell, Stoke Rivers, Barnstable, Devon	Devon
Smith, Mrs. Cross Lanes Hreley-on-Thames, Oxon	Friesian	Smith, Wm, Cosset Lodge, Park Place, Cheltenham, Glos	Aberdeen Angus
Smith, A., Clockhouse, Woodmesterne, Banstead, Surrey	Friesian	Smith, Wm, The Leen, Pembridge, Hereford	Guernsey
Smith, A., Carlie, Sutton Hall, Woodbridge, Suffolk (st)	Devon	Snellgrove J J, The Pottage, Ryst Wood Forest Row, Ex	Devon
Smith, A. L. & J. J., Chardstock, Chard Somerset	Devon	Snell N B Lynch Farm, Wanborough, Wilts	Devon
Smith Col A H M A J P Woodhall Park, Hertford (sp/Ad)	Shorthorn	Snell, S & S, Broomerow Ledbury, Hereford	Shorthorn
Smith, Archibald S., Silvermere, Cobham Surrey	Jersey	Snell, Samuel, Moorside Farm, Petworth, Sussex	D Shorthorn
Smith, Arthur, Village Farm, Sinderby, Thirsk, Yorks	Shorthorn	Snell, G. H. & F. W. Wadsworth, Nantwich Ches	L R Shorthorn
Smith, B. W., Pledgeon Hall, Wethering, Suffolk	Red Poll	Snook Bros The Lease Farm, Lechlade Glos	D Shorthorn
Smith, Lads Richard, Stremsdon Court, Worcester (pf)	Devon	Snook, I. R., Westbrook Farm Exford Newbury Berks	Shorthorn
Smith Bros, Wellesley Barton, Bishop's Tawton, Barn	Devon	Snowball J H, With House, Knapton Station, York	Shorthorn
SMITH, BUTLER, The Field, Cropwell Butler, Nottingham	L R Shorthorn*	Snowball, W. Lyndhurst, Seamer, Scarborough Yorks	Shorthorn
Smith, C. Arthur, Hill Farm, Charnock, Brierley Oxon	Shorthorn	Soames, Lt Col Allen Alden, Vermons, Chappell Essex (sh)	Jersey
Smith, C. E., Woodside Croppell Butler, Nottingham (pf)	Shorthorn	Soames K., Nashes Farm House, Crowhurst, Sussex	Ayrshire
Smith, C. T. The Knapp, Ledbury Hereford	Hereford	Soames Major M H, Danes, Little Berkhamsted Hert (pf)	Red Poll
Smith, Charles E., Gayton Le Marsh, Allford, Lincs	L R Shorthorn	Sobes, W F, Tregondale, Liskeard Cornwall	South Devon
Smith Chas Wm Lawn Villa Pynes Green Leicester	Dexter	Sobey Wm T Park au Currier Perranporth Cornwall	Guernsey
SMITH, CLEMENT & SONS, Walton Hall, Felixstowe, Suffolk	Friesian	Sodest, T H H, Tanfield Tye West Hamlington, Chelms	Red Poll
Smith, D., Hall Farm, Chevington Bury St Edmunds, Suffolk	Red Poll	Solley, P. S. & G. Monaghan Farm, Deal, Kent	Shorthorn
Smith, Miss D A J, Sundwell Harberton, Devon	South Devon	Solley, G. C., King's End Farm Richborough Sandwich, Kent	Sussex
Smith, Douglas B. Wacker Hall Wyham, Essex (st)	Friesian	Somerton Lord P C, Somerleton Hall Lowestoft, Suffolk	Jersey
Smith, T. The Manor, Denchworth, Wansley Berks (pf)	Guernsey	Somerset Farm last Canington Bridgewater Som (st)	D Shorthorn
Smith E Martin Colclough Lodge, Weymouth Berks	Friesian	Somerset Brig Gen the Duke of, Maiden Bradley, Bath	Jersey
Smith, Edward Levcroft, Welshmill Rd, Imme, Som	Friesian	Sons	
Smith, Fustate Abel, Longhills, London (st)	D Shorthorn	Sonsville, Arthur Fowkes Dunder House, Wells, Som	Jersey
Smith, F. J., Summerfield, Harkins, Lonsdale, W. Lancs	Shorthorn	Soper Alfred, Gerston, Totnes, Devon	South Devon
Smith, F. A., Woodside Park Amberley, Derby	Shorthorn	Soper, T H & Son, Lady Cross Werrington Lamerston, Cornwall	Devon
Smith, F. W., Thorpe Green, Thorpe, Ashbourne Derby	Blue Albion	Sotherby, W. E. Wade Court, Havant Hants	Jersey
Smith, Francis D, Stevenage Park Stevenage Herts	Friesian	Sotherby, Frank, Manthorpe, Walsby, Leics, W. Kent	D Shorthorn
Smith, Frank H., Blackthorne, Bicester, Oxon	D Shorthorn	Southby R. Meadow Farm, Bampton, Oxon	Shorthorn
Smith G Dudley, Stignton Hall, Brierley Oxon	Red Poll	Southey Lt Col A Jobs Hill, Warminster Wilts	Red Poll
Smith, H. E., Felkiss, Teign Cornwall	Devon	Southern Vise Knollon Hall Hereford, Salop	Red Poll
Smith, G R & E. S., Longforth Wellington, Som	Devon	Souter, F. H., Gorse House Danvers, Yorks	Friesian
Smith, George W., Wattlefield Manor, Wymondham, Norf	Red Poll	Souter Jr James Southergate Hedon Nr Hull Yorks	Guernsey
Smith, H., Stanton Old Hall Rowley Derbyshire	Blue Albion	Sowler H Lanvaun Farm Kibbaldie Camboire Dorset	Friesian
Smith, H., Lower Newton, Kington, Herefordshire	Shorthorn	Sowerby Amos Hall Staveford Carlisle Cumberland	Galloway
Smith, H. A. Newton Court, Knapgate Kent	Shorthorn	Sowerby G. W. Manor House Thorraby S O Lincs	L R Shorthorn
Smith, H. C. Knowle Birmingham Warw	Blue Albion	Sowerby W F Manor Farm Knapton Acomb York	Friesian
Smith H E. Lower Farm, Willenhall, Walston, Coventry, Warw	Blue Albion	Sowerby Wm Thrusfield Farm Ferryhill Durham	Friesian
Smith, H. E. Walton, Felixstowe Suffolk	Red Poll	Sowers John Leveney Moor Staines Middlesex	Friesian
Smith Col H F, Dullington Hall, Broughton Norfolk (st)	Red Poll	Spartan, Frank, Manthorpe, Walsby, Leics, W. Kent	Friesian
Smith H F, Wood Barcote Farm Trowport, Northants	Shorthorn	Spartan George F Cliffs End Farm Ramscay Kent (st)	Ayrshire
Smith, J. T., Burrow Hill Corley, Warw	Shorthorn	Spargo J L Parkengrow, Farny Cornwall	Jersey
Smith, J. Turberville, Llandudno Taliesin, Sussex	Guernsey	Sparkes, H. A. Cokerham Manor Sompting Nr Worthing	Friesian
Smith, J. G. The Hall Farm Harewood, Loughboro Leics	Friesian	Speakman Leslie, Vault Manor, Goldingham, Essex	Friesian
Smith Jas, Manor Fm, Dalton Wama, Loughboro Leics	Friesian	Speakman, S. Starbath, Lomminster, Hereford	Hereford
Smith John, Filincham Home Fm Chappell, Northumb (st)	Shorthorn	Speakman W., Livingston Nr Lomminster, Hereford	Hereford
Smith, John, Far Close Dutton Chapelley Westmorland (st)	Shorthorn	Speckman, T. W. Chapel Farm, Stamborough Newcastle-on-Tyne	Shorthorn
Smith, John, Heasane, Kettlewell Warw	Shorthorn	Speed Capt D C L., Knowlton Court, Nr Canterbury, Kent	Shorthorn
Smith, John, Herrett, Kirby Spilsby Lincs	L R Shorthorn	Spier A A H., Eastbury Manor, Compton, Guildford Surrey	Guernsey
Smith, Joseph (Farms) Ltd, Lattiswick Hall Baintree, Essex	Friesian	Spencer, Brig-Gen G. O. D.S.O., Elmwood, Harburn Stockton-on-Tees Durham	Jersey
Smith, Kemlin Wick, Dursley, Glos	Gloicester	Spence-Colly, Col Cecil, Donnington Hall, Lebury, Hereford	D Shorthorn
Smith, L. G. The Needle Factory, Long Crendon Bucks	Friesian	Spencer, A. T. The Homestead Farm, Lalmers Green, Herefordshire, Kent	Dexter
Smith, L. W. K. & T. W., Ford East Down Barnstable Devon	Devon	Spencer, Miss Dora, The Mount, Stanstead Essex	Jersey
Smith, Mrs M A, Ripon Park Ripon Yorks	Friesian	Spencer, Mrs Alfred, Northampton	Jersey
Smith, Miss Martin, Ganton Court Wintoning Eastington Hall, Yorks	Friesian	Spencer, Mrs G. Delves House Kington Sussex	Guernsey
Smith, Hon Mrs Murray, Gumsley Hall Market Harborough, Leics	Jersey	Spencer, H. H. G. South H H House, W Cranmore, Som	Shorthorn
Smith, Owen H. Langham Hall Oakham Rutland (sp/Ad)	Red Poll	Spencer, Robert, Liversay, Blackdown Lancs	Shorthorn
Smith P G, Kettle Hill, Shilton Coventry Warw (st)	Blue Albion	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith, R. H. West Newton Bradestrate Somerset	Devon	Spencer, W. T. Pottill Farm Llanwr Allerscote, Mon	D Shorthorn
Smith, Reginald Abel Broad Oak Fm Hertford	D Shorthorn	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith, Richard, Whitford Stoke Chinsland Cornwall (st)	Shorthorn	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith, John, Pottan Is, Southwater Horeham, Sussex	Jersey	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith, T. E. Warmingford Grove Warmingford, Lss	Guernsey	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith, Thos W., Pynes Farm Naresse Essex	Dexter	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith A. S., Low Furrow, Peabworth, Stratford-on-Avon Leics	Friesian	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith, W. C. Donbampton, St Nicholas, Birmingham Kent	Friesian	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith W E. Jn, Westham Hall, Nr Halesworth Suffolk	Red Poll	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith W. S., Pottan Is, Southwater Horeham, Sussex	Devon	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith W. T., Drighlington Manor Wether, Oxon	D Shorthorn	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith W. W., Brockley, Wincobury Hants	D Shorthorn	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford
Smith Wm, Higher Fenoues Farm, Marnington Blackburn, Lancs	Shorthorn	Spencer, W. C. & Son, Linton Farm Cheshire, Glos	Hereford

Name and Address	Breed	Name and Address	Breed
Spurr Walter Wekham Anderby Alford Lines	Shorthorn	Sephorus T W Gill ne Crumpe Richmond Yorks	Shorthorn
Spurrier Lt Col G S OBT Queen's House Gorin-	Fries an	STERN SIR EDWARD D BART Fan Court, Chertsey	Jersey
Heath Treas	(J)	Stewart J G Oakwood House Otterbourne Winchester	Jersey
Spurman Margery Bars in Park Potters Bar Middlesex	Jersey	Hants	
Sprance E W P North Calmington Buckland Filleigh	Devon	Steven Henry Squerres Home Farm Westerham Kent	Friesian
Hilberton Devon		Stevens F Chapel Farm Elmley Castle Pershore Worcs	Hereford
Squire A J The Rookery Stanford Le Hope Essex	Shorthorn	Stevens James Gleebe Farm Saeceved Newbridge Corn	Guernsey
Squire A W S J Doggetts Rochford Essex	Friesian	Stevens Owen F Moor Court Sturminster Marshall	Blue Alb on
Squire W J Hole Farm Ermington Devon	South Devon	Stevens S E Grove Farm Eumner Green Reading Berks	Kerry
Stabb S S New in Farnham Hall Saxmundham Suff (ph)	East Devon	Stevens Thomas Perry Nymehed Wellington Somerset	Devon
Stadler Lou S C Mgher Cooseval Farm Pimlico	Friesian	Stevens W P Shppen Thorne St Margaret Wellington	Devon
Devonshire		Somerset	
Stafford C I Bradbury Farm Crick Chesham Mon	Friesian	Stevens W T Ranbury Fairfield Gloucester	Shorthorn
Stafford C W Horsley Orange Corbush Derby	D Shorthorn	Stevens W Manor Farm Alderton Ch ppenham	D Shorthorn
Stafford S Shovelston East Rustead Sussex	Guernsey	Stevens W Manor Farm Alderton Ch ppenham	D Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	D Shorthorn	Stevenson F C & W C The Manor House Swepstone	Blue Alb on
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Leics	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Stevenson I H Old field Farm Baulking Farnington, Berks	Friesian
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stevenson R W Field Farm Kilverstone Theford	Red Poll
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Norfolk	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Stevenson Thomas B Hampton House Malpas Cheshire	Fries an
Stafford W R Farm Inst (Rushton J C) Rodbaston	D Shorthorn	Steward Capt Rupert D Fairstead Speahall Halesworth	Fries an
Stafford W R Farm Inst (Rushton J C) Rodbaston	Guernsey	Suffolk	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stewart Miss C V The Manor Great Saline Brantree Ex	Dexter
Stafford W R Farm Inst (Rushton J C) Rodbaston	South Devon	Stewart J G Lodge Farm Aston Clinton, Aylesbury Bucks	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stewart W W Littlewood Farm Newbury Berks	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stewart R F The Old Rock Dymock Glos	Hereford
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stewart W A County Farm Inst Moulton Nampton (p)	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stewart Mrs Walter Shaw Hays, Shaftesbury Dorset	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stewart L Berty Capt L Lee Manor The Lee Great	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stevens, C L Brooker Farm Newchurch New Romney	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Kent	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stuckels F C Walnut Lodge Kennington Ashford Kent	Sussex
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Stuckels S E Toll Farm Newchurch Kent	Sussex
Stafford W R Farm Inst (Rushton J C) Rodbaston	Devon	Studson W J Webster's Farm Woodston, W Alvington	South Devon
Stafford W R Farm Inst (Rushton J C) Rodbaston	D Shorthorn	Devon	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Red Poll	Studson W R Bolberry K ngsbridge Devon	South Devon
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Stilroe H W The Grounds Adderbury Banbury Oxon (t)	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	D Shorthorn	STIMPSON STANLEY A, Park Farm, Buxley Norwich	Friesian
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Norfolk	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Friesian	Stinchcombe E M The Crockleys Chertsey Hants	Guernsey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stinson W M System Lodge Aldon Mowbray Leics (ph)	Dexter
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stirzaker W Manor Farm, Little Sangleigh Poulton	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stirling J Fyde Lancs	Friesian
Stafford W R Farm Inst (Rushton J C) Rodbaston	Fries an	Stobart, Capt Frank E Abingworth, Thakeham Sussex	Fries an
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Stoddard Thomas H Rylstone Gayton, Herts, Cheshire	Friesian
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stocker Capt A H Northlands Cheshire Sussex (p)	Friesian
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Stocker Mrs S D Tregallas Grampond Road Cornwall	Friesian
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stockey Bernard P Littlebury Salford Wald n Essex	Friesian
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stocks J W & J H Lindborough n Thoresby Lancs	L R Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stoddard Mrs F Mayfield Stockton Brook Stockton	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stoddard J J & Sons, Red House Ireby Carlisle Cumb	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stoddard James Low Park Farm Marwood Barnard	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	South Devon	Castle Durham	
Stafford W R Farm Inst (Rushton J C) Rodbaston	South Devon	Stoddard L B Ewell Court Ewell Surrey	Guernsey
Stafford W R Farm Inst (Rushton J C) Rodbaston	D Shorthorn	Stokes George Marquise Lane Elmstead Salop	Friesian
Stafford W R Farm Inst (Rushton J C) Rodbaston	Blue Alb on	Stokes S Wilson Coatham Mundeville Darlington Dham	D Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Fries an	Stokes T Warmingdon Oundle Northants	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stone Mrs A D Bradbury Farm Man ner Hill, Herts	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Fries an	Sussex	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stone C D W Wyke Farm, Trowbridge Wilts	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stone C F Zeal, South Brent Devon	South Devon
Stafford W R Farm Inst (Rushton J C) Rodbaston	Blue Alb on	Stone F J Apple Street Farm Cheshunt, Herts	Fries an
Stafford W R Farm Inst (Rushton J C) Rodbaston	Blue Alb on	Stone Mrs F L & Woollett W n Woodville Markbeech	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Edenbridge Kent	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stone J J Hurcott Court Towcester Northants	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Hereford	Storey Herbert L Bradenstoke Abbey Ch ppenham Wilts	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Storey John Great Thorns, Swaffham Norfolk	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	L R Shorthorn	Storey Capt H L Hawling Manor Andoverford Glos	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Storey Frank Towell Stan ford Rutland	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Storey Mrs Flora M Wandell Farm, Beckwith Lanc	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Jersey	Harrogate Yorks	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stott Francis J Wellesley Farm Wells, Som	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stott T R Woodstead Bromborough Cheshire	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stott W Nether House Hesket Newmarket Wington Cum (t)	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stow R J Bourne Villa, Farnham Surrey	D Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stracey G Lysters Farm, West Hyde Rickman worth	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Herts	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Strachan F W Ousey Place n Wallford Herts	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Strachan Lord Sulton Court Peasford Berks	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stradbrook Col. Rt Hon. The Earl of Hertha n	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Wangford Suffolk	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Strafford Rt Hon. The Earl of Wrotham Lark South	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Straker Mrs J. Anneton Mowbray Cheshunt Norfolk	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Straker H H Hart n Grange Kent n Yorks	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Straker Mrs J D Howden Dene Colchester n Tyne	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stratford Northumberland	
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stratford James & Sons Wickford Farm Thirle Berks	D Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stratton C G North Farm, Spettisbury n Dorset	Shorthorn
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stratton Charles Huxton Farm Huxton n Dorset	Jersey
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stratton Mrs G The Manor Shipwreck Somerset	Fries an
Stafford W R Farm Inst (Rushton J C) Rodbaston	Shorthorn	Stratton J H The Lime Bramshall, Cheshunt Staffs	Blue Alb on

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Name and Address	Breed	Name and Address	Breed
Warne, T. Trevisque Manor St Mabyn, Cornwall (sp)	Devon	Wayland Col F R. Monks Horton Park, Hythe, Kent	Aberdeen Angus
Warner, Maj C A S, Little Rissington Manor, Bourton-on-the-Water, Glos.	Shorthorn	WAYLAND, COL. SIR WM. A. Hempton Lodge, Monks Horton, Staffordshire, Kent	Jersey
Warner, Col. Sir C C, Bt, Bretteham Park, Ipswich, Suff	Dexter	Wear, H. & Sons, Wootton Manor Farm, Congresbury, Nr Bristol, Glos	Blue Albion
Warner Abbott & Dickinson, Woodside Farm, Haulham, St	Red Poll	Weatherby, Mrs M. Manor House, Brill, Bucks	(p)
Warr, A. & Sons, Manor Farm Buxkash, Sherborne, Dor	Shorthorn	Weaving, F. H. Littleton Pastures, Lvesham, Worcs	Shorthorn
Warr, J. H., Harwoods House, Tachbrook, Leamington	Shorthorn	Webb, A. A. Alstone, Haughton, Stafford	Shorthorn
Warr, Lord de la, Fishers Gate, Witham, Sussex (A)†	Shorthorn	Webb, A. W. Cynet Lodge, Hanley Swan, Worcs	Shorthorn
Warr, Countess de la, Fishers Gate Witham, Sussex (p)	Shorthorn	Webb, L. & Sons, Ltd, Ainstead Farm, Stoke Works, Bromsgrove, Worcs	Hereford
Warren, A. S., Wilmington Farm, Newton St Loe, Bristol	Shorthorn	Webb, F. Billington Estate, Leighton Buzzard, Beds (sp)	Shorthorn
Warren, F., Goldbolls Fm, Marks Tey Colchester, Essex (h)	Blue Albion	Webb, H. M. Wootton Lichey Lincs	G. R. Shorthorn
Warren, J., Burton Manor, Marshill Dorset	Shorthorn	Webb, Maj J Vere, Combe Cot, Hembury Fort, Honton	Guernsey
Warren, Maj J R, Handcross, The Hyde, Haywards Heath, Sussex	Shorthorn	Webb, Mrs J Vere Combe Cot, Hembury Fort, Honton	Guernsey
Warren R. H., Home Farm, Hacombe Newton Abbot, Devon	Shorthorn	Webb, J. D., The Cottage, Gt Bradley Newmarket, Suff	D Shorthorn
Warren, W. B., Bella Vista Villa, Pendern, Cornwall	Guernsey	Webb, O. Streetly Hall, West Wickham, Cambridge (sp)†	D Shorthorn
Warren, W. G., Letchmere Heath Farm, Watford, Herts	Friesian	Webb, T. Hardwick Farm, Gloucester	Guernsey
Warren, R., Longlands Farm Cartmel, Lancs	Red Poll	Webb, Mrs W Harcourt Spring Grove, Bexley, Worcs	Jersey
Warrington, Charles, Ferry House Farm, Cawood, Yorks	Shorthorn	Webb-Peploe, Miss G H, Obelsk Farm Umblesdale, Tamworth in Arden Warws	D Shorthorn
Warwick, The Earl of, Heathcote Farm, Warwick	Shorthorn	Weber, Charles, Dymchurch, Chatham D von	Friesian
Warwick, Mrs C., Crookdale Farm, Brayton, S O, Carlisle	D Shorthorn	Webber, F. G., Dptford, Hampton Devon	Devon
Watkinson, Capt. Charles M C, Middleton Hall, Bakewell, Derbyshire	D Shorthorn	Webber George Cradockman, Tiverton, Devon	Devon
Waterhouse, Mrs. E. E. The Hill, Thorpe Mandeville Banbury, Oxon	Shorthorn	Webber, H. S. Burne, Silvertown, Devon	Devon
Waters, Hon. Mrs. Arley Hall Northwich, Cheshire	Guernsey	Webber John, Elm Manor, Braintree, Devon	Devon
Waters, E. H. P., Dallas, Arley Hall, Northwich, Cheshire	Guernsey	Webber, Samuel, Hill Farm, Tiverton, Devon	Devon
WATERS, G. CAINE, Burcombe Manor, Salisbury, Wilt (s)	Hereford	Webster, A. M. The Coombe, Liskeard, Cornwall	Red Poll
Waters, H. Wynnall Manor Farm, Winchester, Hants (s)	D Shorthorn	Webster, C. H. & P. Abbey Farm, Yedingham, West	Shorthorn
Waters, J. R. Norman, Fawke Farm, Sevenoaks, Kent (s)	Friesian	Webster, T. W. High Wood Farm, Uttoxeter Staffs	Shorthorn
Watson J. Bridge Court, Kingstone, Herefordshire	Guernsey	Wedgewood J. M., Moor House, Hutton, Sessay Thirsk, Yks	Shorthorn
Watson, T. C., Flinders Hall, Atherton, Warws	Hereford	Week, A. G. & Sons, Wincobane, Som	D Shorthorn
Watson, E. G. Trent Hall, Langdon Hks Essex	Shorthorn	Weighell, G. C. Hall Farm, Welburn Kyrby Moorside, Yks	Shorthorn
Watkins, D., Great Turfham, Longton Albany, Mon	Hereford	Weighell, J. Bellefax Grange, Narberth, Pickingers Yorks	Shorthorn
Watkins, F., Lawn Cottage, Fishponds, Bristol, Glos	Jersey	Weightman, Albert, Hall Farm, Silksworth, Sunderland	Blue Albion
Watkins, H. & R. Church Farm, Madley, Hereford	Shorthorn	Weightman F. Sherraton Hill, Castle Eden, Durham	Friesian
Watkins, J., Duffryn, Llanyavay, Aberystwyth, Mon	Hereford	Weightman W. Vgo Farm, Chester le Street Durham (A)†	Shorthorn
Watkins, J., New House, Hopton Heath, Aston-on-Chun, Salop	Hereford	Welbeck Estates Co, Ltd, 11 Gilespie, Notts	Friesian
Watkins, J. & Son, Bridge Farm, Llanyhangel Crucorney Aberystwyth, Mon.	Hereford	Welborn Bros The Grange, Woodthorpe, Grantham, Lincs	Jersey
Watkins, J. & Sons, Stormer Hall, Leintwardine H ford (s)	Hereford	Welch, Sir Chas G. & Bt, Denton Manor, Grantham, Lincs	L. R. Shorthorn
Watney, Vernon James, Cornbury House, Reading Berks.	Guernsey	Welch C. J. N. Old Farm, Dunmow, Essex	R. Shorthorn
Watson, Lady, Shakenbust Hall, Huddersfield, Yorks	Shorthorn	Weld, Herbert, Lulworth Farm, Wareham, Dorset	Jersey
Watson, A., Church Farm, Little Brickhill, Blechley, Bcks	Shorthorn	Wellford, R. West Fields Farm, Loftus in Cleveland	Shorthorn
Watson, A. L., Gt Bealings House, Woodbridge, Suffolk	Ayrshire	Wellers, Francis, East Wood Langton Malton Yorks	Shorthorn
Watson, Ainslie, Whorston, Biscuit Castle, Co. Durham	Aberdeen Angus	Wellington, The Duke of, Exbury Park, Basingstoke Hants	Shorthorn
Watson, Alexander, Radway, Warwick	Sussex	Wellington Evelyn, Duchess of, West Green, Wincfield, Hants	Jersey
Watson, Ernest Gould Court, Mandstone Kent	Sussex	Wells, D. M. Cobham Bridge Sussex	Jersey
Watson, H. J., Hermongers, Rudwick Sussex	D Shorthorn	Wells F. A. J., Uplands Farm, Westbury, Nr Canterbury Kent	Sussex
Watson, H. R., Mulhouses Farm, Sherborne Dorset	D Shorthorn	Wells, Exors of George, Hough-on-the-Hill, Grantham Lincs	Friesian
Watson, Harry, Jervis Court Farm, Wareham, Hants.	Guernsey	Wells, Mrs H. Ickwell House Nr Inglewade, Beds	(A)
Watson, J., Ainsburgh, Alston, Cumberland	Shorthorn	Wellton Leonard, Cradmoor, Newport, I O W	D Shorthorn
Watson, J. W., Manor Farm, Wigthill, Tadcaster, Yorks (A)†	Ayrshire	Wend Forest, Miss de Clinton House, Hungerford, Berks	Friesian
Watson, J. W. W., Weylands Farm, Wotton, Cambs (h)	Shorthorn	Wendel, L. J. Chumhill, Nr Nalmer, Worcs	Jersey
Watson, P. J., College Farm Hastingfield Cambs (h)	Shorthorn	Werner, Maj H A., Thorpe Lubenall Hall, Market Harlow, Leicestershire	Hereford
Watson, Percival O., Cantley, Wokingham, Berks.	Jersey	Werritt A. J. Market Farm, Broadchurch Berkeley, Glos	Guernsey
Watson, Comm Philip S., Misted Malhurst, Sussex	Galloway	West, Maj A. T., Barrow Manor, Broadchurch Berkeley, Glos	Shorthorn
Watson, R. Tatnell, Castle Carrick, Carlisle, Cumb.	Shorthorn	West, Bernard H., Christchurch, Wincobane, Berks	Jersey
Watson, Hon R F. Offchurch, Leamington Spa, Warwick	Shorthorn	West, Dean Estate, Trustees of, Chichester, Sussex	Aberdeen Angus
Watson, Ralph, Longnewton Stockton-on-Tees, Durham (A)	Shorthorn	West, E. M. Dean, Liphook Hants	Red Poll
Watson, T. F., Loughfield, Kirkcaldy Carlisle, Cumb	Shorthorn	West, Samuel W., Newham Hall, Wisbech, Kent	Sussex
Watson, T. Chapel House, Mungledale Troutbeck Penrith, Cumbria	Shorthorn	Weston, G. Warkow Farm, Salmonbury, Wiltshire	Aberdeen Angus
Watson, T. Crossfell View Winkhill Langwathby, Cumb.	Shorthorn	Weston, Gerald, East Hanningfield, Chertsey, Glos (sp)	L. R. Shorthorn
Watson, Gen W. A. Telescombe, Nr Lewes, Sussex	Jersey	Westminster, The Duke of, Easton Hall, Chertsey, Glos (sp)	Friesian
Watson, W. A., Garston Farm, Garston Herts.	Friesian	WESTON, JAMES, Jnr, Gungahar, Longtoun, Cumb.	L. R. Shorthorn
Watson, Sir W. G., Bt, Sulhamstead House, Reading Berks.	Shorthorn	Weston, Major C. E. & N., Tinswood, Wokingham Berks	Friesian
Watson, Capt. W. S. Highgate Farm, Scredington, Sira	Ayrshire	Weston, H. & Sons, The Boulds, Much Marcle, Hereford</	

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Name and Address	Breed	Name and Address	Breed
Worley, Capt W. A., Hoxingham Hall Walton, Yorks (p)	Shorthorn	Wyatt, W. J., Deer Hill, Ayrton Gifford, Kingsbridge, Dn	South Devon
Worley Worsack R., Acton Road and Bridgton Road (sk)	Hereford	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Jersey
Wort, Mrs, The Orchard, Walton-on-Thames, Surrey	Jersey	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Worthington, E. V., Rough Heyns, Humberby, Macclesfield, Cheshire	Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Worthington, Capt A. K., Fressin Farm, Highworth, Wilts	Friesian	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Worthington, Capt P., Coombs Farm, Challock, Ashford Kent	Sussex	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Worthington W. W., Nettle Hayes, Lichfield Staffs (s)	Jersey	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wotton J., Dunwell, Getherough, Iwerdree, Devon (s)	South Devon	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wragge, G. H., Carr House Farm, Wortley, Sheffield Yorks	I R Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wraithall W., Wexham Grange, Horsham, Sussex	D Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wren, Isaac, Little, Cressy, Wye, Lewyck, Cumberland	Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wreodall A. J., Giltcombe, Cradworth, Totes, Devon	South Devon	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright Bros., Leach Court, Cornwall, Cullompton, Devon	Devon	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright C. J., Grove Farm, South Cress, Fakenham, Norfolk	Friesian	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
WRIGHT & CATTELL, THE MISSES, Walgrave, Northampton	D Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, Dennis, Morley House, Moulton St. Mary, Ayr	Aberdeen Angus	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, L. E., Aglen House, Nr. Whitchurch, Salop	Friesian	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright F. L., Crawshaw Emley, Wakefield Yorks	L R Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, Capt F. E., Fitzherbert, Lady Hole, Ashbourne Derbyshire	D Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, G. A., Elms Farm, Rustmere, Lowestoft, Suffolk	Red Poll	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, Capt H., Fitzherbert, Yeldersley Hall, Derby (p)	D Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright Harry New Inn Farm, Edmond, Newport, Salop	D Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, J. H., Meddler Stud, Remett, Newmarket, Suffolk	Red Poll	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, K. H., Watlands House, Scavnes Hill, Haywards Heath, Sussex	Guernsey	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright H., Corporation Farm, Whitton Ipswich Suffolk	Friesian	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, R. & W., Beckfield, Heighington, Lincoln (s)	Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright May R. S., Jark Cottage, Alnwick, Northumb	Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright Mrs S. C., Hulton Park, Lancaster	Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, S. D., Woodside Quorn, Loughborough, Leics	Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, T. H., Penn House Farm, Fenny Drayton, Leics	Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, Thomas, The Grange, Old Lake, Boston Lines	L R Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, W. B., Beesby Manor, Alford Lines	L R Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright Capt W. A., Andock Lodge, Lewdown, Devon (p)	Devon	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright W. W., Gagen Little Maplestead, Halstead, Essex	Red Poll	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright, Wm., Ringwood, Wintonhoe, Newark, Notts	Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright & Hall Smith, Bloncherd Farm, Godfrith, Camb	Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright Donald, Shotley Hall, Shotley, Ipswich, Suffolk (s)	Red Poll	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright S. N., Arwinton, Ipswich, Suffolk (sh)	Red Poll	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright F. C. & N. L., Coombe, Ayrton, Clifton, Kingsbridge, Devon	South Devon	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright J., Wexley, Coombe, Holbeaton, S.O. Devon	South Devon	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wright J. S., Anslow, Ayrton, Clifton, Kingsbridge, Devon	South Devon	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wrightley Lord, Wootley, Wootton Bassett, Staffs	Guernsey	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wyatt A. J., Roller Mills, Bover Tracey, Devon	South Devon	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wyatt, James, Uford, Wintonhoe, Som	Devon	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wyatt, Joseph, Wintonhoe, Wintonhoe, Somerset (p)	D Shorthorn	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian
Wyatt, Robert, Harts Hill, Thatcham, Berks	Guernsey	Wykeham, Mrs H., North Lodge, Inwoods, Rugby (4)	Friesian

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 Antell Henry Widdington Aycliffe Northumb (c)
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 Appleton James Angam Muke Richmond Yorks
 Arblaster Ralph Brookers B nns Farm Lichfield Staffs
 Archibuth W R Plaw Hatch East Cransted Sussex (c)
 Archer B Slabbly Creek S endorpe Wold Kent
 Archer S F Farm 100 Acres 100 Acres
 Armitage E Bermins Stroud Glos (c)
 Armitage J B Hag House Juckering Yorks (c)
 Armstrong A Greenacre Well Greenhead Carlisle Cumb
 Armstrong H Ashgill Garngill Alston Cumb
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 Armstrong T Brundholm Keswick Cumb
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 ville Hants (c)
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 Atwell James Weyate Court Birghington Isle of Wight (h)
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 Wight (h)
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 Auston P A Braitwith Hall W Yorkshire Yorks
 Ayckroyd S W E. Grantham Hants
 Ayward G T Compton Chamberlain Salisbury Wills

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Name and Address	Breed	Name and Address	Breed
Emson Wm C Stretthall Hall Saffron Walden Essex (cp)	Suffolk	Fison Ransom I Sweetapple Farm Martin, Hants	Hampshire Du.
Endrott J Channellborough Threlknap Devon	Dartmoor	FITZGERALD LADY Buckland Faringdon Berks. (cp)	Southdown
England W Quenock Farm West Monkton Taunton	Dorset Horn	Fitzgerald Col B C B Thornhill House, Kingston Lisle Berks	Hampshire Du
Engle C R Evelynthorpe Court Bishop's Cleeve Works (cp)	Ryeland	Fitzwater Mr M M, Marsden Manor Cirencester Glos	Southdown
English R L Smyth Hall Lockington Works (cp)	Leicester	Fitzwater Lord Goodnestone Park Nr Cirencester Glos	Southdown
English Thomas Lyndhurst Pocklington Yorks	Leicester	Fleischmann Louis Chetwode Manor Buckingham (cp)	Kerry Hill
Ereth T W Cowlan Is Stretting Chelmsford, Essex (p)	Leicester	Fleming J A Swale Dale Bk Coniston Lancs	Herdwick
Erskine F Routham Wellington Salop	Leicester	Fleming J D Winter Crags Nantwich Leirath Cumb	Herdwick
Etches John Eylesdon Grange Winstock Mallock Derby (p)	Lincoln L W	Fleming Jane A Son Knott House Farm nr Rammer Weston	Herdwick
Ettery E. W. Winkersham Stoke New, Allerford Taunton	Lincoln Horn	Fleming S H Le Hart Head Rydal Ambles le Westmor	Herdwick
Evans Allen Nantymollen Oswestry Salop	Welsh Mtn	Fletcher Mrs S Sons The Grange Angram York	Lincoln L W
Evans C J, Hill Hill Bromfield, Salop	Suffolk	Fletcher G L Ship on nr Andoverford Glos	Oxford Down
Evans Henry R, Court of Nene Pembroke Hereford (p)	Kerry Hill	Flick & Son Sarnhamham Suffolk	Lincoln L W
Evans Maj J J I Heytesbury House Heytesbury Wilt	Welsh Mtn	Flower Mrs L M Pike Hall Winstock Mallock Derbys (h)	Lincoln L W
Evans R R, Parsonage House West Lavington Wilt	Hampshire Du	Flower J Clumark Salisbury Wilt	Hampshire Du
Evans L, Upper Marston Lynchall Herefordshire	Kerry Hill	Fox R H Howell Park nr Wrotham Kent	Suffolk
Evans R F Mitchell Choultry Court Leominster Herefordshire	Clun Forest	Folanke Capt J S Osberton Worpock Notts (cp)	Southdown
Evans Tom Jones Llanymyneir Graven Arms Salop (h)	Kerry Hill	FOLKESTONE VISCOUNT Longford Castle Salisbury Wilt	Hampshire Du
Evans W Orchard Farm Nethercot, Warwick	Kerry Hill Horn	Fooks J H Home Farm Norton Melphish Dorset	Dorset Horn
Evans W & Sons Eynsham Court Kingston Hereford (cp)	Kerry H T	Foord Barry P Ivy Farm Wintonburg Polesgate Sax	Southdown
Evleigh Exors of Lewest Charles West House Countess Weale Essex	Southdown	Foord B B Bury Farm nr Dorset	Dorset Horn
EVELYN MRS, Wootton House Woking Surrey (cp)	Southdown	Foord H R Brookham Piddletrenth Dorset	Hampshire Du
EVYNS, JOHN AND SON Burton, Lincoln	Lincoln L W	Foord L L Egbury St Mary Bourne Andover Hants	Hampshire Du
Exall A L, Lumley Farm Westbourne Hants	Southdown	Foord Mrs R M White Hill Northampton Hants (cp)	Hampshire Du
Exall C V, Wexley Cross Hovele Salop	Shropshire	Foord C Lower House Beer SO Devon	Dorset Down
Exall Richard London Montford Bridge Salop	Shropshire	Ford Walter J Hughes Chalmington Salt Glos	Southdown
Exall Wm Shewardale Castle Shrewbury Salop (cp)	Exmoor Horn	Forge S W Littlecombe Hants (p) Kent	Suffolk
Everard P M Hons Rock Dulverton Som (cp)	Suffolk	Forrest Jas Tattingstone Hall Ipswich Suffolk (cp)	Suffolk
Everatt Maj Norman Rushmore Ipswich Suffolk (cp)	Mtn Bk Face	Forrest T The Hill House Walton Felixstowe Suff (cp)	Suffolk
EWbank, Ten Piers Farm Levenham Yorks	Shropshire	Forrest Wm Woodhouse Woodbridge Suffolk (cp)	Suffolk
Ewanbank, Hough Sowerby Brough Westmor	Dors Horn	Forrester J Croft Broadland Gt Cumb	Mtn Bk Face
Ewan W H Chaplin Langford Budville Wellington Som	Suffolk	Forrester Messrs Small Burns Nuchbanks SO Whitfield Northumberland	Mtn Bk Face
Ewer J S Foxcroft Langford Budville Suffolk	Southdown	Forster J L, Carshill Netherburn Northumb	Mtn Bk Face
Exeter Marjess of Hurrells House Stamford Lines (cp)	Hampshire Du	Forster T Templeton Hotel Alncliffe Northumb (cp)	Suffolk
Eyles W J, Stoke Fair Andover Hants		Forstyth A D Long Leighton Low Stead Alnwick Northumberland	Suffolk
F			
Fairhead A E B Bouchier's Hall, Messing Kelvedon Essex	Suffolk	Foster D H Clouston Allerford Taunton Somerset	Exmoor Horn
Fairhead Stanley, Layerdale Hx Colchester Essex	Suffolk	FOSTER, GEO B G, Anster Hall, Trumpington, Cambs (h)	Suffolk
Fairless W M Hexted Terr nr Haydon Northumb	Mtn Bk Face	Foster J New Houses Colston Road Barnard Castle Co Durham	Suffolk
Fairweather Mrs J L & Son Home Farm Chorley Kingsbridge Devon	South Devon	Foster J G C Brooklands Cambridgeshire	Suffolk
Fairweather Charles F Dipp n Hall Farnham Surrey (cp)	Southdown	Foster J H P Old Hocksturt Wiltshire Somers (cp)	Southdown
Fairweather J, Mount Tregothan Farm Torquay Cornwall (cp)	Shropshire	Foster W M Major Farm Upper Seville Sowerth (cp)	Ryeland
Fairley A Peachy House M Thurso Suss	Ryeland	Foster Wm Cromley Forest nr Teesdale Co Durham	Swaledale
Farmer G Fencote Abbey Hatfield Leominster Herefordshire	Shropshire	Foster W R S Batt Store Holbein Plymouth Devon (cp)	South Devon
Farmer J E F Ecote Abbey Hatfield Leominster Herefordshire	Shropshire	Francis & C Co Farming Farm Alney Hereford (p)	Oxford Down
Farmer Nelson Leeds Abbey Warton Kent	Romney Marsh	Francis & Son Clinton Aston-on-C. Salop	Swale Dale
Farmer S W Little B day Wilt	Hampshire Du	Frankland L J Nettle House Full E d Ravenstonedale Northumb	Suffolk
Farmer H Mount Pleasant Farm Greenodd Ulverston Lancs	Wensleydale	Fraser A Russell Am Place Bury St Edmunds Suff (h)	Suffolk
Farras William J Bransby Whitehaven Cumb	Dord Le cester	Fraser J Shireburn Alnwick Northumberland	Suffolk
Farrow E S Eldon House Hart St Edmunds Suffolk (h)	Burd Le cester	Fraser A T n S Farm Lechlum Surrey (p)	Ryeland
Fawcett J All Oakbank Longtown Cumb	Burd Le cester	Fraser W A T n S Farm Lechlum Surrey (p)	Suffolk
Fawcett J J n Little Ravenstonedale Kirkby Stephen Westmorlan	Swaledale	Fraser W A T n S Farm Lechlum Surrey (p)	Southdown
Fawcett John R Hill House Warton, Richmond Yorks	Swaledale	Fry L H Cratton Hall, Wiltshire	Southdown
Fawcett T S Birk Hall Baldersdale Colchester Darl	Swaledale	Frye Walter J C B B T n S Farm Lechlum Surrey (p)	Southdown
Fawcett Wm Nere Beck Baldersdale Colchester Darl	Swaledale	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fawcett Arthur, South Clifton Alnwick Northumb	Burd Le cester	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fawcett B D Leighton 1 Ark Bury Wilt	Burd Le cester	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fearn Frank E Stoddon Farm Dymchurch Kent	Swaledale	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fearn S Searby Manor Lincoln	Swaledale	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fenwick C G North Luffenham Stamford Lines	Burd Le cester	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fenwick Robert Lesson Hall Wotton Cumb	Burd Le cester	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fenwick Horrieham Devon	Dartmoor	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Field N Home Farm Streatham Castle Darlington Co Durham	Wensleydale	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Field N Joshua Kington House Kington Warks	Kerry Hill	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Field N Charles & Co nnd 11 Brook Lin (cp)	Lincoln L W	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Field N J T Manor House Harwood B Brook Line (cp)	Lincoln L W	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Field John Stone Farm Saltwell 11 Hx Kent	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Field Thelma T Court Lodge Brook Ashford Kent	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fidgens Geo, The Range Oxenford Brighton nr CO	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
FIDN ARTUR, Westbrooke, Lodd Kent	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Finn Forest Ham Hill 11a Lodd Kent	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Finn Fred St Bartholomew's House, Sandhurst Kent	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Finn H J & G Westwood Court Faversham Kent (p)	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Finn A Holmes 111 n n nr Preston Lines (cp)	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fish S J, Churston Court Farm Churston Ferrars Dev (cp)	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fisher J A M T Wally Farm nr Grantham Lines	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fisher John A Peck Court, Wotton Salop	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fisher Robert Levent 11 Beverley Yorks	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fisher W L Little Nareott Winstock Taunton Som	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fish Thomas Acre Manor Shank n IO W	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown
Fison J R G, Crepping Hall Sutton Ipswich Suff	Romney Marsh	Frye W A T n S Farm Lechlum Surrey (p)	Southdown

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Hannam C. & Son Brecknock House Bourton Dorset	Hampshire Dn	Heave J. H. Town Farm Sydenham Dameral Devon	Dartmoor
Hanson J. & J. Furnace House Farm Four Elms Eden	Ryeland	Heath James B. Springall 11 Ashburn Sherburn L.R. Yorks (c)	Leicester
Hants County Council Agricultural Education Committee	Ryeland	Headbore R. S. Knock a Down House Hognast n	Lincoln L.W.
Hants Institute Sparsholt, Winchester Hants			
Harding Bros. 5, Stoke New Allerton Taunton Som	Fusmer Horn	Heblitch Harold 1 Stoke u of the Ham Dorset	+
Harding Maj. C. H. Burling Manor, Linstead N East	Southdown	Hecke A. & G. Sullington Manor Farm Stomington Sussex	Dorset Down
Hartnour S. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000			

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Name and Address	Breed	Name and Address	Breed
Jayner Higgs & Sons Broadhead Emsworth, Hants (A)	Southdown	Plaskett Jos Kiln Howe Borrowdale, Westmorland	Herwick
Peacock A & Son, Wharham Malton Works	Oxford Down	Platt, Mrs A J F Barnby Manor Newark Notts (ch)	Shropshire
Peacock Alan The Little Blackwood Norfolk (A)	Southdown	Platt Capt A A Walsington Beverley Yorks (cpst)	Oxford Down
Peacock C Skrough Head Wuker Richmond Yorks	Swaileale	Lockington Joseph Manor House, South Lerr by, Barton on Humber, Yorks	Lincoln L.W
Peacock Ernest Shepherds Lodge, Arkenarthdale Richmond Yorks	Swaileale		
Peacock J J, Sparham House Barnhaming Daillington Durham	Swaileale	Pollimore, Lord, Court Hall North Molton Devon	Exmoor Horn
Peacock J G & J H, Seal House Arkenarthdale Richmond Yorks	Swaileale	Pomfret J Mystole Chatham Canterbury Kent (ch)	Southdown
Peacock J L Pimchard Arkenarthdale Richmond Yorks (A)	Swaileale	Pomfret by Will am White Banks Linnale Cumb (cp)	Herwick
Peacock J T Toofa Cill Angram Wuker Richmond Yorks	Swaileale	Poole Bros, Walscombe Molland Barnstaple Devon	Hampshire Dn
Peacock John Hild Shaw Ilkaves Yorks	Swaileale	POOLE, HENRY W & B, Hill House Langford, Essex (cpst)	Suffolk
Peacock M W Little House Lumlade Middleton in Tressdale Durham	Swaileale	Loole Loxton O J Aptonpton Manor Andover Hants (cpst)	Hampshire Du
Peacock Thomas Amnering Park Littlethampton St. Swaileale	Southdown	Loole Loxton O W Torridge Hemslores Manchester Lancs (cpst)	Lonk
Peacock Wm Hope Barnhaming Daillington Durham	Swaileale	Porter T Duke of Welbeck Abbey Workop Notts (cpst)	Southdown
Peacock Wm Scarf House Richmond Yorks	Swaileale	Potts J J Charlton Canger Dirlington Co Durham (A)	Hampshire
Peacock A A, Star Farm Colchatch Bishop a Castle Salop	Swaileale	Powell Mrs M L The Upper House Larmbury Wilt	Kerry Hill
Peacock George Snarescott B Shep a Castle Salop	Swaileale	Wores	
Peacock T M & Son Lawnamick Duboe RSO C wall	Swaileale	Powell J C North Farm Ct Durnford Salisbury Wilt	Hampshire
Peacock Wm Bowchurc Molland Barnstaple Devon	Swaileale	Powell Walter The Haydon Credenhill Hereford	Shropshire
Peacock T J, Peashill Tiverton, Devon	Swaileale	Powells W L Skelapah Lyddington North Salop	Kerry Hill
Peacock A T, Here, Lincoln	Swaileale	Powells T H Long yel A O Wensley Hall Leyburn Yorks	Exmoor Hls
Peacock C Fellsdale Caldbeck Cumb	Swaileale	PRATT, A. T. Morton Hall Trimley Ipswich Suffolk (ch)	Wensleydale
Peacock Edward Waddington Heath Lincoln	Swaileale	Pratt John J Musgrave Kirkby Stephen Westmorland	Suffolk
Pears, John Canwick Lincoln	Swaileale	Pratt W H High Lishels Hexton Northumb	Swaileale
Pearse T C Leigh Dunfermton Devon	Swaileale	Pratt W & Sons Muddelack Carrington Sodbrough Yorks	Wensleydale
Pearse W Topp Farm South Brent Devon	Swaileale	Pratt Harold Mrs F Lynchmere House Haslemere Surrey	Southdown
Pearson Maj Hon Harold Cowdroy Park Midhurst St	Swaileale	Prece G J Hope Bowler Church Stretton Salop (cp)	Kerry H II
Pearl L Bent Head Wearhead Durham	Swaileale	Prece Westcar, Maj B Storde Park Herne Kent (c)	Romney Farm
Peate R M Capt The Hloft Farm St Stephens St Albans Herts	Swaileale	Prece R Manor Llan Hovinsham Malton Yorks	Oxford Down
Peck E M Church Farm Colnworth Nr St Neots Hunts	Swaileale	Prece Alfred Woodgeworth Farnham S O Suff (A)	Suffolk
Peck S Brockford Stowmarket Nr St Neots Hunts	Swaileale	Prece R George Low Farm Nately Lanes	Wensleydale
Pedler J G, The Barton Sampford Peverell Tiverton Devon	Swaileale	Prece R H Wyle Grove Farm Capterley Yorks	Herwick
Pedler T B Rockley High Bray Barnstaple Devon	Swaileale	Prece R Chapel House Farm Dalton-on Tere Croft Darlington Devon	Wensleydale
Pedler John G Peverell Hall Hinford Cheshire	Swaileale	Prece R James A M Klover House M Klover Derby (ch)	Suffolk
Pedler R G Moreton Hall Congleton Cheshire	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pelton J J & Robert Tanton Farm Stockley Yorks (A)	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pelvis J R Preshaw House Upham Bishop a Waltham Hants	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pennington E Bester Oxon	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Penny Bros Osborne Shyborne Dorset	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pepler Jerry Brown Timbend Westbury, Wilt	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pepler S H Hardsell Farm Ashton Farnington Berks	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pepler W Vethellam Folds Lincoln	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Percival H H Hardsell Farm Ashton Farnington Berks	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Percival John East House Capterley Yorks	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Park N J Stat on Road Oxhampton Devon	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Parkins George A Radworth North Molton W Devon	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Parkins M Lickerton Lynton Devon	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Parkins W M W Lower Bogmarsh Holme Lacy Hereford	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Patch William Priestorcks Skelton in Cleveland Yorks	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Peters Arthur Blagdon Farm Cranborne Salisbury Wilt	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Petherbridge A North Pool South Pool a Nbridge Devon	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Petley Chas & Co Staple Canterbury Kent	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Petre Col B J Westwick House Norn th Norfolk (A)	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pettit H Ronald Castle West Kent 11 Herefordshire (A)	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips H H & Son Crawley Court Winchester Hants (A)	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips P Broadgate Farm Pendle Northumb	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips H H Thorley Gate Allendale Northumb	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips J Newfold House Allendale Northumb	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips Chas Upton Farm Somptre W Dorset	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips P Church Farm Somptre W Dorset	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips G T Caypel Farm Marnham Hillybush Newport Notts	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips G John Tanyrell Farm Marnham Hillybush Newport Notts	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips H H Hether Court & The Veldt House Leobury Herefordshire	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips W G H Merton Somerset	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips P H Rora 11 Npton Son th Devon	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phillips W R Manor Far Lothorough Moreton N Oxford Down	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phlips Capt A W Chare off South Brehan Bruton Somerset	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phlips C B H Chalot Westb W Wilt	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phlips James Tan Foot Lere Liverston Lancs	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Phlips H D Wensleydale Grange Th Yorks Yorks	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pickering Mrs Lees Farm Ha Ha Wilt Northumb	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pickering J A Cion Planchard Durham	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pickering H A Wensleydale Wensleydale Wilt	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pickering J The Tower Marsham Ashford N Hants	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pickering T Prospect Farm Brabourne Lees Ashford N Hants	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pike J C Sion Cramer Warkworth Northumb	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pinder L Col T W Tickmoote Lodge Stanford Lines	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pire J J Church Farm South Cove Wrentham Suffolk	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pitts J Wilford Rd, Redway Merstone TOW	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pitts R Houson Farm Arundel Sussex	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Pitts W H Wotton Grove Chichester Sussex	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Place James R Reth R Richmond Yorks	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon
Plant H Walord Leintwardine Hereford	Swaileale	Prece H H Hether Coleridge Kingsbridge Devon (ch)	South Devon

Name and Address	Breed	Name and Address	Breed
Williams & Paul Sedlescombe, Haspocks, Sussex	Southdown	Woodgate, Wm A., Fairfield, Framlingham, Suffolk (ch)	Suffolk
Williams Col Sir R., Bt., Beidridge, Dorchester, Dorset	Dorset Horn	Woodhouse, Mrs A., Tolla, Little Baddow, Essex	Essex
Williams, R., Haslington Whedon Cross, Taunton Som	Dorset Down	Woodiwiss, Sam, Graveleys, Great Waltham, Essex (cp)	Suffolk
Williams, Theodore L., Brobury House, Lettish, Hereford	Exmoor Horn	Wooley, J. S., Aunemouth, Chertworth, Kingsbridge Devon	South Devon
Williams, W., Trimpleton, Leintwardine, Herefordshire	Shropshire	Woodley, Jas M., Degenbush, Newlyn East, Cornwall (c)	South Devon
Williams, W. H., The Dairy, Walcot, Lydbury North, Salop	Kerry Hill	Woodrow, C. D., Stratford sub-Castle, Salisbury, Wilts	Hampshire Do
Williams, W. H., Manor Farm, Burnett, Bristol Glos (cp)	Kerry Hill	Woodrow, T., Brockmore, Dratton Clovelly Devon	Dartmoor
Williams, W. R. L., The Farm, Ivybridge, Devon	Dorset Down	Woodruff, Charles, Widdington, Ash Carterbury, Kent	Romney Marsh
Williamson, J. D., Chain House, Ayrham Market Suffolk	Suffolk	Woods, Edmund L., Chilgrove, Chichester, Sussex (cp)	Southdown
Williamson, James Ruten Enderdale Cumberland	Herwick	Woodward, G. A. & Sons, White Hall, Old Newton, Stow market Suffolk	Suffolk
Williamson, Jos How Side, Linnerdale, Cumberland	Herwick	Woodvine J., Folbott's Farm Tadip, Martins, Hants	Hampshire Do
Williamson, John Brigham Hill, Cockeremore, Cumb (c)	Dorset Leicester	Woolf, William, Clawthorpe Hill, Burton Wm land (cp)	Suffolk
Williamson, R. A. & Son, Buxerchall, Salisbury, Wilts	Suffolk	Wooley, Charles P., Overton, Marlborough, Wilts	Hampshire Do
Williamson, T. & Son, Blore, Market Drayton, Salop	Suffolk	WOOLLAND, W. W., Baydon Manor, Ramsbury, Wilts. (p)	Ryeland
Williamson, T., Bank End Mill Heskett Newmarket, Cumb	Herwick	Wooster, George Albert Iennbury Farm, Iena, Bucks (ch)	Hampshire Do
Wilks, G. H., Ivy Lodge Farm, Birlup, Gloucester (p)	Ryeland	Wootton Stanley, Treadwell House, Epsom Surrey	Southdown
Willis, John A. Manor House, Carpeby, Yorks	Oxford Down	Wormald, W. F., Wallyby Wold, Ganton, Scarborough Yorks	Suffolk
Willis, Capt A. S., Middleton House, Longsight Whit church, Hants	Hampshire Do	Worsley, Richard S. L. Broxhead Cuckfield Sussex	Southdown
Willis, Capt D. M. Barley Wood, Wington, Somerset (cp)	Ryeland	Worsley Taylor, Col Sir Jas., Townhead, Nr Clitheroe Lancs	Lein
Willis, Sir G. A. H., Bt., Littlecote Hungerford, Berks (cp)	Hampshire Do	Worsley Woodcock, R. Acton Round, Bridgton Salop (ch)	Suffolk
Willis, Sir G. A. H., Bt., Batsford Park, Moreton on Marsh, Glos	Ryeland	Wort C. M., Croncheton, Bishopstone Salisbury, Wilts	Hampshire Do
Willis, James Nether Hoff, Appley, W. estmorland	Wensleydale	Worth, F., Great Haye Lamerton Tavistock, Devon	Dartmoor
Willis, S. G. B., Narrow Coombe, Ilminster, Devon	Dartmoor	Worthington, W. W., Maple Hayes Lichfield, Staffs (c)	Kerry Hill
Willis, Thomas Managrove, Beller, Fenitth, Cumb	Wensleydale	Wotton, J. Duwall Ugborough, Ivybridge, Devon (c)	Dorset Horn
Willis, W. H., Braden Hill Leigh Woods, Bristol Glos (cp)	Hampshire Do	Wotton, W. & Son Gt Streat Cornwood, Ivybridge, Dvn	Dartmoor
Wilson, A., Barfield Whitebeck Bootle, Cumberland	Herwick	Wozencroft W., Whitton Farm Ludlow Salop	Kerry Hill
Wilson, A. M., Stowlangtoft, Bury St Edmunds Suffolk	Suffolk	Wray, Chas C., East Flotmanby, Fife, Yorks	Leicester
Wilson, Major, Rushmore, Lincoln	Lincoln L.W.	Wren Thos, Croft Brook Kinniside, Cleator, Cumberland	Herwick
Wilson, E. The Ivy, Swineshead, Boston, Lincs	Lincoln L.W.	Wright C., Buckland Farm, Chife, Rochester Kent	Romney Marsh
Wilson, E. J., Halfkille View, Heskett Newmarket, Cumb	Herwick	WRIGHT & CATTELL, THE MISSES, Walgrave, Northampton	Oxford Down
Wilson, F., Irby-on-Humber Grimsby, Lincs (c)	Lincoln L.W.	Wright, J. T., Hibaldstow Grange Brigg Lincs	Lincoln L.W.
Wilson, G. H., Hildrop Farm, Ramsbury, Wilts	Hampshire Do	Wright, M., Corporation Farm Whitby, Ipswich Suff (ch)	Suffolk
Wilson, J. Epton Bridge Gosnourt, Yorks	Wm Bk Face	Wright, R. Holker Farm Cark in Garmel, Lincs (h)	Wensleydale
Wilson, James & Sons, Bowden Moor, Berwick-on-Tweed Northumberland	Dorset Leicester	Wright, R. & W., Beckfield, Houghton, Lancs (c)	Lincoln L.W.
Wilson, M. L. & W., Bootle, Cumberland	Herwick	Wright, W. R., Lisset, Driffield Yorks	Leicester
Wilson, Matthew Broad Lanes Whoby Yorks	Leicester	Wright, William, Broughton Vale Brigg Lincs	Lincoln L.W.
Wilson, Miles, Fell Side, Bootle, Cumberland	Herwick	Wrench, David, Shotter Hall Sheff, Ipswich, Suff (c)	Southdown
Wilson, R., Dockering, Wigton, Cumberland	Dorset Leicester	Wrench S. N., Arwanton Ipswich, Suffolk (ch)	Suffolk
Wilson, Richard Middle Row Walsdale Head, Cumb	Herwick	Wyatt A. R., Storde Manor Farm, Beamstead Dorset	Dorset Horn
Wilson, T. E., The Court House, Farnham, Wiltshire	Shropshire	Wyatt, Hugh R. P., Cussbury, Worthing Sussex	Southdown
Wilson, Wm. High Stile, Torver Lincs	Herwick	Wyatt J. J., The Farm Dorchester Dorset	Dorset Horn
Wilson, Wm. G. Hill Head, Troutbeck, Penrith Cumberland	Swaledale	Wyatt, R. Pitbull, Ivybridge Devon	Dartmoor
Wilson, Wm., Stoneycroft, Newlands, Keswick Cumb	Herwick	Wyatt, T. Higher Fyldon North Molton Devon	Exmoor Horn
Wilstrop W. H., Martinholm Thixendale, Malton Yorks	Leicester	Wyatt Wm Church Farm, Ryne Yelmstern, Dorset	Dorset Down
Wilsyth, E. F., Quarne, Whedon Cross, Taunton, Somerset	Exmoor Horn	Wylie D. F. Res Brook, Minsterley, Salop	Ryeland
Wills, Frank, Treverton, Cawsand, Plymouth, Devon	South Devon	Wyndford Lt Col Lord, DSO Wyndford House Malden Newton, Dorset	Dorset Down
Winder, R., Towside Farm, Piffing Garstang Lancs	Wensleydale		
Wingfield-Stratford, Geo. C. V., Fartherwell Hall, West Malling Kent	Southdown		
Winterton H. J., Westgate, Lichfield, Staffs	Shropshire		
Wizzer Bros., Wilshead, Exford, Taunton, Somerset	Exmoor Horn		
Wizzer, H. Northcombe Dulverton Somerset	Exmoor Horn		
Wolley, S. M., Betton Abbots Shrewsbury, Salop	Shropshire		
Wolley, T. J., Clungunford Aston-on-Clun, Salop	Shropshire		
Wolley, T. W. M., Abbot House, Clungunford, Aston-on-Clun Salop	Shropshire		
Wood C. F., Teynham Court Sittingbourne, Kent	Romney Marsh		
Wood Christopher, Stannar, Whitby Yorks	Wensleydale		
Wood E. C., Ellington, Masham, Yorks	Wensleydale		
Wood Ernest E. Ashfield Broughton, Preston Lancs (p)	Wensleydale		
Wood G., Northfields Farm Welbury Northampton Yks	Wensleydale		
Wood Sir J., Bt. Henzeave Hall Bury St Edmunds Suff	Suffolk		
Wood F. Bk Hall Ripon, Yorks	Suffolk		
Wood, Joseph Colsterdale Healey Masham, Yorks	Wensleydale		
Wood S. W. Hay Farm Eastly Sandwich Kent	Swaledale		
Wood T. E., Middleton Greenhow, Melmerby Ripon, Yks	Romney Marsh		
Wood F. F. Chelton Court Sittingbourne, Kent	Wensleydale		
Wood W. A., Broadbushes Stockfield on Tyne, Northumb	Romney Marsh		
Wood William, Winkfield House, Snaanton, Yorks	Dorset Leicester		
Wood Wm Rex Habbrough, Lincs	Leicester		
Woodcock, S. W., Churton House, Puterbaugh Shrewsbury Salop	Lincoln L.W.		
Woodford G. W. University Farm Lew, Oxon	Shropshire		
	Oxford Down		

INSURANCE, SEE PAGE XXIII.

For explanation of symbols see page XXI.

Pig Breeders

Name and Address	Breed	Name and Address	Breed
His Majesty the King SANDRINGHAM, NORFOLK		Andrews, Mrs. J. White Swan, Ireby, Measles, Cumberland	Cumberland
H. J. The Prince of Wales F.C. HOME FARM, STOKES CLIMSLAND, CORNWALL (ca)	L.W. Lop-eared	Andrews, Major E. A., Weybridge, Harefield, Middlesex	Large White
A Abbott, H. B. Grange Hill Farm, Chigwell Row, Essex (jd)	Essex	Ashton & Sons, Daw End Farm, Rushall, N. Wales, Staffs	Middle White
Abbott, Wm., Swanton, Fordingham, Lancs	Berkshire	Ashton, H. B., Barton, Trent, Staffs	Tamworth
Abbott Young E. C., North Breach Manor, Ewhurst, Guildford, Surrey	Essex	Ashton, H. B., Barton, Trent, Staffs	Middle White
Abingdon Corporation Corporation Farm Abingdon, Berks	Berkshire	Anthony, J. B., Andover, Vero, Roman Highlans Cornwall	Large White
Abinger, Lord, Brooklands, Egham, Surrey	Essex	Appleby, Edgar J., Thurlston Grange, Rugby, Warw. (N)	Gloss Old Spots
Abraham, C. G. Abrahams, Whitechurn, Asplebury, Bucks	Berkshire	Appleby, J. H. & Sons, Tixall, Stafford	Large White
Abraham, Frank Grange Farm Botley, Hants	Essex	Appleby, May S., Elton Hall, Stockton-on-Tees, Co. Durham	Cumberland
Abraham, G. Montagu, 22 Arthur Road, Wimbledon, Surrey	Essex	Appleyard, Fred, Holmes Farm, Flockton, Wakefield, Yorks	Large White
Ackers, Miss C. V. T. Kettlesford Mills, Wellington, Som.	Essex	Appleyard, R., Brewsters, Lxworth, Bury St. Edmunds, Suffolk	Large Black
Ackers, Miss C. V. T. Humley Manor, Wincanton (ca)	Essex	Arbutnot, A. C., Sunah Warren, Hayling Island, Hants	Middle White
Ackers, W. J., Langland Farm, Catcott, Bridgewater, Som.	Essex	Arbutnot, W. R., Flax Hatch, East Grinstead, Sussex (ca)	Middle White
Adair, Sir R. Chas. Rect. Elton Hall, Bungay, Suffolk	Essex	Aris, H. South Hall, Preston Candover, Basingstoke, Hants	Large Black
Adams, W. G. B., Powder Hill, Boars Hall, Oxford, Oxon (c)	Essex	Artell, R. S., Fox Farm, Slough-on-the-Wold, Glox	Gloss Old Spots
Adcock, B. Willand House, Loddish, Boston, Lincs (N)	Essex	Armstrong, G. P., Conwell Grange, Limpsay Stoke, Wilts.	Middle White
ADDAMS-WILLIAMS, R. T., The Enclave, Monmouth	Essex	Armstrong, H. R., Colshaw Hall, Over Peover, Cheshire (c)	Middle White
Addington B. L. Broadmead Copse, Waverham, Guildford, Surrey	Essex	Armstrong, Mrs. T. C., Dene Court, Taunton, Somerset (c)	Large Black
Addisell, Mrs. Old Prebendal House, Shipton-under-Wychwood, Oxon	Essex	Armstrong, J. A., The Beeches, Tarbois, Carlisle, Cumb.	Cumberland
Addison, J. Jann, Winney Green, Egham, Engar Essex	Essex	Armstrong, James, Gilt Head, South, Carlisle, Cumb.	Large Black
Addison, Robt. Mill Villa, Weynton Village, Cumberland	Essex	Armstrong, J. A., The Beeches, Tarbois, Carlisle, Cumb.	Large Black
Adams, C. R. W. Babraham Hall, Cambridge	Essex	Armstrong, T. J., Dossie Farm, Calver, Silloth, Cumb.	Cumberland
Aderrington, Gen. R. L. Culverthorpe Hall, Grancham, Lincs (c)	Essex	Armstrong, W., Beckington, Low Row, Carlisle, Cumb.	Cumberland
Agar Roberts Hon. J. G., Wimpole Hall, Royston Cambs. (c)	Essex	Armstrong, J., Toward End, Skelton, Penrith, Cumb.	Cumberland
Alebury, Marquis of, Saverham Forest, Marlborough, Wilts	Essex	Arnold, J. C., Springfield Hall, Chelmsford, Essex	Essex
Aldrich, J. G., Nethergrove, High Bickington, North Devon	Essex	Arnott & Newman, The Mount, Monmouth	Gloss Old Spots
Alderman, Walter, New Tree Farm, Hurdley, Gloucester	Essex	Arson, Hugh, Bowdoin, Dorset, Dorchester, Herts	Essex
Alderman, The Earl of, Gudeham Hall, Aitchborough, Norfolk	Essex	Arthey Bros., Spurburgh House, Exdunstone, Boxted, Colchester, Essex	W. Saddleback
Alderson, L. & Sons, Glee House Spridlington, Lincoln (c)	Essex	Arthur, J. B., Raynton, Workson, Nottinghamshire	Large White
Alderson, A. J., Welling Hill Farm, Charlton Kings, Glox	Essex	Arthur, Howard, Greenwood, Guss, Andover, Somerset	Large Black
Alder, A., Hurdley Hall, Upsey, Essex	Essex	Ashby, Kenneth A., Dean Court, Eborac, Ashford Kent	Middle White
Alexander, Lady, Fyggate Wood, Sussex	Essex	Ashby, R. A., E. Clarence Road, Tunbridge, W. Kent	Middle White
Alexander, Maj. J. H., Hopsey House, Aston-on-Clun, Salop	Essex	Asher, S. G., Asot Place, Asot, Berks	Berkshire
Alexander, F. G., Laurel Farm, Colgate Lodge, Putham, Market, Norfolk	Essex	Ashforth, J., Tower House, Russell, Tunbridge Wells, Kent	L. & M. White
Alexander, G. C., Manor House, Wimbourne Stoke, Wilts	Essex	Ashford, J. H., Willow Farm, Herts	W. Saddleback
Afford, J. J., Tavton Farm, Tavistock Devon	Essex	ASHFORD, H. S., Trueloves, Ingelstone, Essex	Essex
Alington, C. L., Little Park, St. Neots, Hants	Essex	ASHFORD, T. W., Estate Office, Hursley Park, Winchester	Large White
Alison, Mrs. D., Oakfield, The Pinner, Welwyn, Essex	Essex	Ashwell Farming Co., The Manor House, Oakham, Rutld (c)	Large Black
Allen, Mrs. H. A., Noton, Hay Farm, Ashford, Middlesex (c)	Essex	Ashkham, Thomas C., 25, Leamington St. Acmeys Leeds, Yorks	Large White
Allen & Horgan, Ltd., Sudbury, Suffolk	Essex	Ashley, Mrs. D. H., Brinsop Court, Hereford	Tamworth
Allen, Frank, Saxon, 2 Bristol Rd., Birmingham Warw.	Essex	Aston, Maj. Hon. J. J., Hever Castle, Haver, Eboracshire	Middle White
Allen, J. H., 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55	Essex		

[illegible]

[illegible]

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Name and Address	Breed	Name and Address	Breed
Creighton 1 Orton Park Farm Great Orton Carlisle	C mberlan 1	Davenport W H Ravenel ed M town Ashover Derby	W Saddleback
Crew Edward Home Farm Dyham Chrenham W Its	Clos Old Spots	Davey W H Tuell M lton Abbot Tavistock Devon (c)	L W Lopeared
Crew J H Shaplands Farm Cold Ashdown Chlppenhams	Glos Old Spots	Davidson J Moorgate Iron Ch nberland	Cumberland
Crewe J		Dale J T Pockington Farm Larton Berksley Glos	Large Black
Credwood J D Side, Cheltenham Glos	Larce Bla k	Davies E John Fair Tree Ladybury Hereford (c)	Large Black
Cribb A F Welland Lodge Shenley Herts	Bethshire	Davies C B U lling W l Maldon Essex	Lssex
Crisp A R Pippin k Lodgeat Nr Newmark Suff (A)	Large l lack	Davies H J Pope 1 key Court Lebury Hereford (c)	Large Black
Crisp John R Kirby Cane Hall Bungay Suffolk (J)	Glos Old Spots	Davies John W Red House M lteitroy Monmouth	Glos Old Spots
Croft T W M. Mans Farm Stourport Walsford Dist	W Saddleback	Davies J G Fishay Lodge Nr Bristol Glos	Glos Old Spots
Crocker G Eastcott Farm Lambergh Glos Dewon	Glos Old Spots	Davies W lam Cooperale Hall Lym Exeter	M dle Wh te
Croft Granite Co Ltd, The Croft Le oster	Large Wh te	Davis Col D N Salt Hill House Slough Bucks (c)	Berkshire
Croft Mrs E Crayford Under Nr Wells Somerset	M dle Wh te	Davis J I Kersford Barton Br destowe Devon	L W Lopeared
Crompton C W Hall Green House Chapelchore Wake-	Large Black	Davis T P H g h sreet Solihull Warr cksh re	M dle Wh te
Field Works		Davison George 6 Taylor St Cowpen Blyth Northumb	Large Wh te
Cross S J Little Bassett Little Waverley Brentwood Fk	M dle White	Davey E K Gooden Hill Horsham Road Sussex	Large Black
CROOKES E A Rose Cottage Farm Outthorpe Chester	Large White	Daw John A The Foxalls Codall Wolverhampton Staffs	Tarnworth
Field Derbyshire		Dawe G G Bere Barton Beraleson Devon (c)	L W Lopeared
Cropper T The Pines G H Lane Longton Preston Lancs	Cumberland	Dawe J A Brook House Buckland Yelverton Devon	L W Lopeared
Crowfield J J Embury Park Ramsey Hants	M dle Wh te	Dawe R R Ford Farm Sydenham Damerall Tavistock	L W Lopeared
Crow C E E Willow Farm Adela de El, Cambs	Large Wh te		
Cross F H K Aston Turfold Manor Wall ngford Berks (c)	Berkshire	Dawes G E A Little Parham Preet ost Nr Worcester	L & M White
Cross Capt F N Bannet Tree House Castlemorton	Large Black	Words	
Malvern Worcestershire		Dawson J W Black Beck Beckminster Cumberland	Cumberland
Cross H E Manor Farm, Arminghamall Norwich Norf (c)	Large Black	Dawson R The Bank Farm Cuddington Malpas Cheshire	Essex
Cross S J Little Bassett Little Waverley Brentwood Fk	Essex	Dawson J B Begg Begg Cumberland	Cumberland
Cross J J Ridge Farm Ramsey Hants	W Saddleback	Dawson Wm Clowen Derbyshire te	Large Black
Cross James Lesl e Cathorpe Towers Rugby Warw (c)	W Saddleback	Day A Fred Great Tong Farm Headcorn Kent (c)	Large White
Cross S & C E W low Farm Adela de Ely Cambs	Large White	Day C F Potters Tye Acton Sudbury Suffolk	Essex
Cross Samuel New Barnes Ely Cambs (A)	Large White	Day Chas F Southwell Rd F skerton Nottinghamshire	M dle White
Cross Sydney A Manor Farm Stretham Ely Cambs	Large Black	Day J H Ashwood Aldridge Rd Bart Common Nr	M dle White
Cross George George Poplar Farm Tichill l Rotherham Yks	Large White	Walstaff Staffs	
Crossley S R k Bt Combermere Abbey Wm tchurck	Large Black	Day John A Moorden Farm Penshurst Kent	Large Black
Salop (c)		Day M J Bungays Stafridge Dorset	Berkshire
Crossman P Great Bromley Hall Colchester Essex (c)	Essex	Day Percy Anchor Inn Gunthorpe Notingham	Large White
Crouch R E E Manor House Hamington Stur-	W Saddleback	Daybell D R Botesford North Cambs Notts	Large White
minster Newton Dorset		Dayrell Reed T West Parley Wimbome Dorset	Berkshire
Crow John Ashe Warren Overton Hants	Berkshire	Dayson A H gh Vard Calliwaite Carl k Cumberland	Cumberland
Crowther Herbert Poplar Fm Campsall Doncaster Yks	Large Black	Deacon Henry John 50 Warrminster Rd Westbury Wilts	W Saddleback
Crumpler J & Sons Longlands & Lyatts East Coker	W Saddleback	Dean C Lindum Holme Lincoln	L Curly Coated
Devon Somerset		Dean A E Latham Park Ousnuck Lancs (c)	M dle White
Crumpton Fred W St Kenehms Hall Romsey Hants	L & M Wh te	Debenham E R Brinspudde Dorchester Dorset (c)	Berkshire
own Works			L & M White
Cut t Arthur Manor Farm Kimberley Norfolk (c)	Glos Old Spots	Deeley S J Hawley Towcester Northants	Tarnworth
Cubitt Arthur Hardingham Attleborough Norfolk	Glos Old Spots	Deeley A Lower Crowsen L ghtcliff, Halifax Yorks	Larce Black
Codmore George Ragh M H Barnstable Devon	Large Black	Derritt Frank H L The Cedars Preet East ngs Sx	Middle Wh te
Coleman S Hasted Lodge Bury St Edmunds Suff (c)	Large Black	Deen S & Ingram Ltd, Clymng k Littlehampton Sussex	Large Black
Cullimore H S Waterley Farm, Dursley Glos	Glos Old Spots	Denn J J Nacton Lincoln	Large Black
Cullimore Stanley Wallington Farm Berkeley Glos	Glos Old Spots	Denny I H M Staplet ed Place Ha w neds Heath Sx (c)	L & M White
Cumber W J Thrale Berksh e (c)	Berkshire	Dendison S J dley K B E Cl w one Court Ross-on-	Middle White
		Wye Herefordshire	
Cumng Fredrick W Parklands, Bradninch Devon	Large Black	Dent M S S F M Shenley House Headcorn Kent	Large Black
Cundy R Week M lton Abbot Tavistock Devon	L W Lopeared	Dent Col John R C Tookmills House Pa nswick Glos (c)	M dle White
Cunliffe The Lady Dowager Headley Court Epson Surrey (c)	M dle Wh te	Depper W H Dean Park Tenbury Worcs (c)	M dle Wh te
Cunliffe Owen S lltun Bk Weir Bank Bay Berks (c)	Berksh e	Deer The Lord of the New Forest Lanes (c)	M dle Wh te
Currie A C Old Farm, Mary Sturton Yorks (c)	Large Bla k	Derrymann John New Tree Cls Farm No l Somerset	Berkshire
Curry S J James Lopham House Alibourne W Its	Berkshire	Desford Industrial School Desford Le oster (c)	Large Wh te
Curry Laurence M nley Manor Farmborough Hants (c)	Large Black	Dibben Harry Heather Hill Ch ivor h Romney Hants (c)	M dle Wh te
Curry R W Cedar Tree Fm Bayworth Nr Abingdon Som.	Glos Old Spots	Dickens E C Cas te H ll Farm Be khamsted Hants (c)	M dle White
Curry S George Bromley Farm Stanton Drew Glos	Glos Old Spots	Dickenson W Claxton Burgh e S ngs Cumberland	Cumberland
Curry S C Fildon Farm, Hants (c)	Large Wh te	Dick e Chas H Wootton Northumberland (c)	M dle Wh te
Curn on Herts ck W M Bean Manor Park Loughborough	Large Wh te	Dik nson H B E Bell Barn Farm H estraive Ipsw ch	M dle Wh te
Leicestershire (c)		Suffolk	
Cutter H J Blunt npton Farm Chaddeley Corbett Nr	Large Wh te	Dickson W Low House Hasket Newmarket W gton	Cumberland
A ddenminster Worcestershire		Cumberland (c)	
Cuttler E k North Park Farm Helmingham Stow	E ssex	Dietz Col B R W Thycombe House Withycombe Rale ch	Large Wh te
market Suff (c)		Exmouth Devon (c)	
D		Digby Maj Loel D S O M C, M lterne Green Dorset, Eit	Large White
Dagger W Ms s House Farm Elston Gr mssauk	Large Wh te	Dign J L L The Cross Court Thorpe, Dorset, Eit	Essex
Preston Lancs		Dill J Arthur Wm Gicket Mill Farm Banister Som	Middle White
Dalbly Major John Cassid Donington Le oster	Large Wh te	Dimmock J B Shottford Hall Harleston Norfolk (c)	Large White
Daley F Clum e H gins ed Cholimondley Malpas Ches	Large Wh te	Diamond Joseph Moss s Farm Rushton Tamton Som	W Saddleback
Daley Capt J A F Lockley Hall Romsey Hants (c)	M dle Wh te	Dixon Arthur M Prestwick Wh n Posteland Northumb	Middle White
Dallington The Cedar Add n nr Worts	Large Wh te	Dixon J W nryb Castle Cumberland	Cumberland
Dallwyn W J Woodlands Venn Cross Waverle trombe Som	Large Black	Dixon John Bolton Wood Lane W gton Cumberland	Cumberland
Dalto Holmes Mrs M Rank l Notts a Doncast er (f)	W Saddleback	Dixon Capt k R N Starling Lee e Corshall Essex	Essex
Damsell H & C Brynarth Groumont Hereford	Berksh re	Dixon Mrs M J Grange Farm Slaters Lane Houghton-	M dle White
Dand Wm Howk Ke Thursty Catholic Cumberland	Cumberland	te-Skerne Dartington Co Durham	
Dand F C L. West Saitonhol Holloway Devon	L W Lopeared	Dixon Robert M Moorbooke Winton Cumberland (k)	Cumberland
Da el Frank Thoms Green Farm Ash e) Chesh re	Large Wh te	Dixon T & M Farmers Ltd Tarlegh Bar Bromsgro e	L & M White
Daniel J S. Manor Farm Guvnts Earshotth Almondsbury	Glos Old Spots	Words	
Glos W estnsh re		Dixon Wm New M lls Brampton Cumberland	Cumberland
Da jell E J Red Lodge Farm North Myms Hall ed	W Saddleback	Dockwell Wm Backwell Farm Wye Ashford Kent (k)	M dle White
Herts (c)		Dockett R A Akeworth Farm Wye Ashford Kent (k)	L W Lopeared
Daniel F W W Dauler Fm Grtill ton W Its (c)	W Saddl ba k	Dodd Reginald L Oserott Hall Tarnin Cheshire (A)	Large White
Dan ell S Ss Breweries The Armoury West Bergholt	Essex	Dodgson C M lltowne Gwylthorpe Cumberland	Cumberland
Co heater Essex		Dodson W St k liff Greenh l W gan Lancs	Berkshire
Daniel Thoms The Old Manor Farm Charfield Clos	W Saddleback		
Da by F G W Pymoor El Cambs (f)	Large Black	Dodson W T The Farm Rines ard Thrapston W nts (c)	M dle Wh te
DARESBURY LORD CVO Walton Hall, Warrington,	Large White	Dodson E Lamocson Wood Tavistock Devon	L W Lopeared
Lancs		Done A nls ngs Wm tchurck Salop	Essex
Dar k Capt Ronald H. Court Lodge Fm Brast ed Herts	W Saddleback	Done Thomas Farm Olney Malpas Cheshire (c)	Large White
Darlington 1 Stanwardine Farm Bookbust l Elmton	Large White	Donsithorpe The M ngs E. & C. de Montaigne Easting-	W Saddl ba k
Salop		ton Ha l Upston-on-Severn Worcs	
Darrell Lawrence Little P s Farm Erdington Warw	Large White	Dorman K hard H Stanghove House Donkester Yorks	M dle White
Dartmouth The Earl of Patshull Wm rhampton	Large Bla k	Dorman J H Hockley ed Manor Farmham Som (c)	Large Black
Watts		Dorrell Capt C W Rusham S ngs Ayscote Oxon (c)	M dle White
Da lwood Capt R H S Duns Tre Deddington Oxfd	Large Black	Dorrell Wm James Ben low Farm Hott Heath Worcs	M dle White
Dawell W S. Doodley Farm Helt Stoke-on-Trent Stat s	Glos Old Spots	Dorrell J R Blandford Court Spekeley Worcs. Lancs	

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Name and Address	Breed	Name and Address	Breed
Hall, Capt R S, New Hill, Tredning Clacton-on-Sea Essex (csh)	Large White	Hart, S H, Hammonds, Checkendon, Reading, Berks	Berkshire
Hall, W S, Siffeld Lodge, Wycombe, Norfolk	Large White	Hart, Wm E, Home Farm, Budestone, Chippingham, W'ts	Middle White
Hallan, A W, Woodside, Jetcham Common, Surrey	Middle White	Hartley, J, Bank House, Gosforth, Cumberland	Cumberland
Halliday, E J H, The Dairy, Elm Outwood, Wakefield, Yks	Large White	Hawley, A C, Aston Green, Kington, Salop	Large White
HALLS, W., Bank House Farm, Helsby, Cheshire	Large White	Hartnell, Mr J, Well Place, Ipsden, Warrington, Berks	Berkshire
	Middle White*	Hartop, W F, Lalor Green, Luton, Beds	W Saddleback
	Large White	Hartley, Mrs Lydia, Ismere House, Nr Kidderminster	Middle White
Hallatt, L & Sons, Huggeston 1 arm, Northings, Nr Chester- field, Derbyshire	Middle White	Worce	Berkshire
Hallett, Clarence, Waltons Park, The Brewers Taunton, Somerset	Large White	Harvey, P, High Road, Broxbourne, Herts	W Saddleback
Hallows, H J, King Street Farm, High Ongar, Essex	Berkshire	Harvey, J P & Co, Kidderminster	Large White
Halstead Pig Farms, Halstead, Nr Sevenoaks, Kent (d)	L & M White	Harvey, P C, Elm Farm St Faith's, Norwich, Norfolk (h)	Large Black
Halstead Pig Farms, Halstead, Nr Sevenoaks, Kent (d)	W Saddleback	Harvey, S C, Bosavern Farm St, Just, Cornwall	Large White
HAM, J B, Fair View, Allerton, Axbridge, Somerset	Large Black	Harvey, W G, Kenish Farm, Stisted, Braintree, Essex (h)	Large White
HAMPTON, COL H E, Colham Hall, Burr St Edmunds, Suffolk	Middle White	HAWES, A, Ackworth House, 1st Bt Berthol, Colchester, Essex	Glos Old Spot
Hamer, Alfred, Holt's Farm, Bromley Cross, Lancs	Cumberland	Hawell, The Muses D J & F H F, Dyce Lodge, Penrith, Cumberland	Large Black
Hamer, J R, Jolly Lane Farm, Crawshawbooth, Lancs	Large Black		
Hamilton, Gen Sir Bruce, The Hall, Wendover, Bucks (cf)	Glos Old Spots	Hawthorn, W, Wadhams Farm, Chew Magna, Somerset	Glos Old Spots
Hamilton, Capt H P, Lutteden Farm, 1st Grinstead Sussex		Haskins, Capt J W W, Swanshead Hill, Worcester	Middle White
Hamilton J, Sowton, 1st Vernon, Devon	L-W Lop-eared	Hastler & Co, Dunmow, Essex	Essex
Hammill, A L, Roskrow, Penryn, Cornwall	Large White	Hastlet, W H, The Oaks, Bressingham, Diss Norfolk	Large Black
Hampton Brug-Gow The Vicarage, The Hoe, Weymouth Hants	L & W White	Hastings, Lord Melton Constable, Norfolk (ch)	Large Black
Hampshire, F H, Upperthorpe, Holmfirth, Yorks (cf)	Large White	Hatchell, J, Spring Grove, Old Southey, Yorks	Glos Old Spots
Hanbury, Hon C, Shobden Court, Kington, Hereford	Large White	Haugh, R, Walldar, Crosby-on-Eder, Carlisle, Cumb.	Cumberland
Hanbury Trays, May Eke, Olivers House, Wombourne, Dist Hanbury, C L, The Manor House, Coteholme, Bishop's Cleeve, Staffs	Middle White	Hawke, W, Jnr, Bosworth, Colan St Colum, Cornwall (cf)	Large Black
Hancock, T C & J W Peck, Hargrove, Salbridge, Dist (cf)	Large Black	Hawken, R W, Pusey, Farmington, Berks	W Saddleback
Handy, Aubrey W, Haycroft, Sherborn, Northlake, Glos	W Saddleback	Hawken, R W, Little Baldon, Oxford	Large White
	Glos Old Spots	Hawes, Wm S, St Giles, Hasle, Warrington, Berks	Large White
Hannam, A L, Hill Street Farm, Tisbury, Wilts	Cumberland	Hawker, R D, Giff Farm, Hasle, Suffolk	Middle White
Hannay, G M, Galtby, North West, Bury, Oxon (cf)	Glos Old Spots	Hawkes R, Park Lodge Farm, Park Lane, Stanley, Wakefield, Yorks	Large White
Hanson, Col. H E, Willow Garth, Rolston, Hounes, E Yorks	Middle White	Hawkins, A W B, Stagenhoe Bottom Farm, Weymouth, Hants	Berkshire
Harcourt, Robert Vernon, Malwood Walk, Lyndhurst, Hants	W Saddleback	Hawkins, G P, J P, Gresham House, Cambridge	Middle White
Harford, Edward G, Foscoate, Grifflin, Chippingham, Norfolk	Large Black	Hawkins, H J, Stanton Court, Nr Gloucester	Large White
Harding, Ernest Gunstone, Cosdall, Staffs (cf)	Large White	Hawkins Thomas A, Aldridge Court, Aldridge, Staffs	Large White
HARDING, ERNEST, Packwood Grange, Dorrade, Warrs	Middle White	Hawkins, L S, Leake Street, York, Yorkshire	Berkshire
	Large White*	Hawson, G C, Cooper Farm, 1st Bt, Dunchbury (cf)	Large White
	Middle White	Haworth, A, Raveston, Manley, Helsby, Cheshire (cf)	Cumberland
Harding, R H, The Limes, Acton Turville, Glos	Large White	Hawthorn & Halford, The Boughs, Stockton-on-Terne, Wres	Large Black
Harding, W, Sloke Road, Aylesbury, Bucks	Middle White	Hayes, Capt W W, Harcourt Stanton, Shrewsbury, Salop	Tamworth
Hartman, Nathan, Elms Farm, Nr Preston, Lancs	Large White	Hayhurst, Francis, H, Farmhouse, Wincombe, (cf)	Large White
Harewood, The Earl of, Harewood House Leeds Yorks (ca)	Large Black	Haynes, C C, Church Hill Farm, Buntingham	Essex
Harewood, Francis, Harewood House, Leeds Yorks	Large White	Havnes, J G, Bosworth Grange, Husbands Bosworth, Rugby, Warwickshire	
Hargrave, Walter, Church Farm, Strensall Yorks	Berkshire	Haynes, R P, Deltes Green Farm, Wnebursby Staffs	L White*
Hargreaves, Dennis W, Esphild House, Woodlesford, Leeds Yorkshire	Middle White	Haynes, W B, The Priory, Brant Broughton, Lincoln	Large White
Hargreaves, Frank, Frix Hill, Wellesbourne, Warwickshire	Middle White	Hayes, T, Bagshot Hall, Harston, Cambridgeshire	W Saddleback
Hargreaves, R, Turffields, Barton, Wootton, Lancs	Large White	Hayter, Col H R, Burghfield Grange, Burchfield, Nr Newbury Berks	Middle White
Harker, E, Crackpot Hill, Keld, Richmond, Yorks (i)	Middle White	Hayter, W E, Sandale Farm, Barrow in Furness Lancs	Berkshire
Harland, M E, Beech Hill, Winton, Brompton North allerton, Yorks	Large White	Hayton W, Sandale Farm, Barrow in Furness Lancs	Cumberland
Harland, Lord, Helympton, Oswestry, Salop	Large White	Hayward, Mrs Victor, Bookham Grove, Bookham Surrey (cf)	Middle White
Harnes, Mrs J, Rainsbrook, Rugby, Warrs	Large White	Harling, Sir A G, Bart Noyes Hall, Bulwell, Leicster	Large Black
Harris, A E, Val d'Or, Allesley, Nr Coventry Warrs	Essex	Headington Bros, Cippingham Court Slough, Bucks (cf)	W Saddleback
Harris, C & F (Cable) Ltd, Cable Works	Middle White	Heap Capt E Fortrey, North Cove Hall, Beccles Suffolk (h)	Large Black
Harris, C, Hamland, Hants, Nr Exeter	Large White	Heap J H, Greenhill Gunnsdale, Cornwall	Large White
Harris, C & Sons, Great Hile Fen, Hockington, Lancs	Large White	Heard J F, West Ietherwin, Launceston, Cornwall (c)	Large White
Harris, C H G, Chaffer Moor, Bourton, Dorset	Large Black	Heath George A, Hailes Farm, Winchester, Glos	Middle White
Harris, W, Stag Hotel, Lyndhurst, Hants	Berkshire	Heath Roger George, Upper Drayton, Penkridge, Staffs	Large White
Harris, G W, Whitwood, Walton Road, Southampton	Glos Old Spots	Heath, J, Boswell, 1st Bt, Chelmsford, Essex	Large White
	W Saddleback	Heaton, S Ken, Tunstall S O Suffolk	Large White
Harris, H H, New Farm, Besford, Dafford, Worcester	Large White	Heavydye, Harry, Town House Farm, Devon, Somerset	Middle White
Harris, John Wm, Gator, Peterborough, Northants	Large White	Hebride, W Austey, Trenchard, Tiverton, Devon	Large Black
Harris, Montague, Hays, Epsom, Surrey	Middle White	Hedder, H, Hodge Hall, Holnet, Salop	Middle White
Harris, R J, New Road Dairy, Okeshampton, Northants	Large Black	Hedley, O W E, Brerly Close, Windermere, Wmoredale (cf)	Cumberland
Harris, Reginald Tom, The Grange, Calce, Wilts (ch)	Large White	Heiglers Capt Frank, Wyken Hall, Bardwell, Suffolk (cf)	Large Black
Harris, Richard, Southborne Grange, Fakenham, Norfolk	Large White	Hemington, A W, Hucknall Lane, Bullwell, Notts	Essex
Harris, Richard, Southborne Grange, Fakenham, Norfolk	Large White	Hemmings, W, 1st Bt, Holmer, Epsom, Surrey	Large White
Harris, T D, Tudley Hall, Foulridge, Kent	Middle White	Hempson, G A, Sprouton, Ipswich, Suffolk	Large Black
Harris, W J, Park Cottage			

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Horse Breeders

Name and Address	Breed	Name and Address	Breed
This Majesty The King SANDRINGHAM NORFOLK	(cp) Shire Hackney	Alty F W Pylrag, Garstang Lanes A v s John Brin ed Farm Congersbury Bristol Glos	Sh re Shure Shure Shure Shure
A		Ambrace Chas C Swaffham Pier Canbs Ambrace Cole Stoney Hall Ely Cambs	Shure Shure Shure Shure
Abbott George Garthorpe Melton Mowbray Leics	Shure	Amos Alfred Spring Grove Kent	Shure
Ackers Maj Chas P Hundley Manor Gloucester (cp)	Percheron	Amos W J Drayton Parslow Bletchley, Bucks	Shure
Adams George Shupley Derby	Sh re	Ancaster The Exford Cambs Horne Castle Bourne I ncs (cp)	Sh re
Adams Jos Tressford Farm Wighton Waver Warw	(cp) Sh re	Anderson James, Felt mores Farm, Harlow Essex (cp)	Sh re
Adams Walter Weymouth Shrewsbury Salop	Sh re	Anderson Wm E, Rushington Aylesbury Bucks	Shure
Adams P M Broughton Manor Farm Newport Pagnel Bucks	Shure	Andrew C E	Shure
Adams Percy Laurel Farm Old Fel xstowes Suffolk (cp)	Suffolk	Andrew James S Crench H Hall Sheffield Yorks	Shure
Adams R C Fernham Manor Farm Nelson Berks (cp)	Shure	Andrews J E W The Farm Woodhouse Shelfield Yks	Shure
Adams R J Blount Farm Stact H B shops Storrord Herts	Shure	Andrews J F W Kilm Farm Uggeshall Wargford Suff	Suffolk
Adams S Perpiar Sidney Helston Cornwall	Shure	Angel F W Parnage Farm Warrumaster Wilts	Shure
Adamson Thos Stanks Cross Gates No Leeds Yorks	Hackney	Angell Harry Durdor Cambs Leics	Shure
Adcock B Welland House Fosdyke Boston Lincs (p)	Sh re	Angus H M Patton High House Macton Newcastle Northumberland (c)	Clydesdale
Adcock W F Ashw R Ken worth Warwickshire	Shure	Angus John Woolington Hall Kerton Northumberland	Clydesdale
Addisell Mrs Old Prebendal House Shipton under Woodham Oxon (cp)	Suffolk	Angus Mrs S, Clumbrg Tree Morpeth Northumb (c)	Clydesdale
Addison J W Brumbar H H Bolton Percy York	Shure	Annet Henry Widdington Ackington Northumb (cp)	Shure
Addison John Home Farm Glassby Kirkcaldy	Clydesdale	Antidiff Will met Kattersey H B Bawing, Yorks	Shure
Adkins James Cumberland	Shure	Anwyll J Preston Hall Farm Preston Blackthorn Salop	Sh re
Add son I Wall End Fm Broughton n Furness Lanes	Clydesdale	Aphm Wm H Seaton Manor Farm Colyford Devon	Shure
Addy I A sedale Hackney Stud Roundhay Leeds Yks	Hackney	Appleby A Home Farm Woolley Wantage Berks	Suffolk
Addecar C R W Babraham Hall Cambridge (cp)	Sh re	Appleby Edgar J Thelaston Grazeley, Rugby Warw (p)	Shure
Addington George Station Manor Refr Rd Notts	Shure	Appleby J H Sons Taxidermy Leics (p)	Cleveland Bay
Addley Wall npton Salop	Shure	Appleby, Maj S Elton Hall Stockton-on Tees Co Durham (cp)	Percheron
Addon C Halstead Leicster	Sh re	Appleyard R, Brewsters Ixworth Bury St, Edmunds Suffolk	Shure
Agnew C Morland Dorrans Crox ey Green Herts (c)	Shure	Arbuthnot W R Flaw Hatch E Granstead Sax (cp)	Shure
Agnew M J J S Battis es Roughtam Bury St Suffolk	Suffolk	Argent Wilfred A, Chyls Manor Rupper Sussex (cp)	Suffolk
Agnew Edmund Suffolk	Shure	Arkell Alexander Manor Farm Baydon Wilts	Shure
Agnew J S Farm Thrapston Northants (cp)	Shure	Arkwright J P Hatton House Warwick (cp)	Sh re
Aikwater d C Car House Farm New Seaham Co Durham (c)	Clydesdale	Armistead J, Rossall Farm Frelwold, Lanes	Shure
Aikwater Margus of Sa rmake Forest Marlborough Wilts (p)	Shure	Armstrong J The Grange Walsby Leics	Shure
Ainscough John B y s Hall Lathorn Ormskirk Lanes	Shure	Armstrong Edwin G Upper Langwith Mansf eld Notts	Sh re
Ainscough Thomas Parbold Southport Lanes	Sh re	Armstrong H B Whaley Langwith Mansfield Notts	Clydesdale
Ainsworth Maj Chas M P Holcombe Lanes	Hackney	Armstrong J Cragside Cumwhinton Carlisle Cumb (p)	Clydesdale
Ainsworth John Newford Grange Stone Staffs	Shure	Armstrong J A The Beeches Tareaby Carlisle Cumb (p)	Clydesdale
Ainsworth John St Mel nels Garstang Lanes	Shure	Armstrong J H Penrith Dyke Farm Salkeld Dykes Penrith Cumberland	Clydesdale
Ainsworth C H Wh r ow Grange Parkhurst Sheffield Yorks	Suffolk	Armstrong Thomas J Calvo Silloth Cumberland	Clydesdale
Akrlay J Greenlands Farm Ribblesden Preston Lanes	Hackney	Arnold F H, Carlton-on Trent Newark Notts	Sh re
Alcock W Shutehole Colerh H B mingham Warw	Shure	Arnold Harry Seckington Tamworth Staffs	Sh re
Alcock J J Alcock Park Suffolk (c)	Shure	Arnold J A Woodley Leics	Sh re
Alberson C Walton Crobury Salop (c)	Shure	Arnold S Maxstoke Farm Colerh H B mingham Warw	Sh re
Alberson J R Low H Ls Eastington Coll ery Co Dtrin	Clydesdale	Arnold Sydney & Sons Aimes Green Farm Waltham Abbey Herts	Shure
Albiston R chard Lower Lea B shops Cusle Salop	Shure	Arrowsmith C H The Wombs Adderley Market Drayton Salop (cp)	Sh re
Alford Frederick White House Stoke Ath Eye Suffolk	Suffolk	Arthur L H Redw ck House Major Mon	Shire
Alfr ch R A Home Farm Spynhall Halesworth Suff	Suffolk	Arthur R W Barboro Chertsey Id Derby	Sh re
Alford Suffolk	Suffolk	Arthur T Lee Newbriess Chertseyfield Derby	Shure
Alinder Denis Sketchley Hall Farm H nckley Leics (cp)	Shure	Artis W J Waterford Farm Sotterley Wrentham Dorset Lowestoft Suffolk	Suffolk
Alexan Le r Claude Faygate Wood Sussex (p)	Percheron	Asbridge Isaac Weyring Hall Winton Cumberland (c)	Clydesdale
Alexander Comm E T The Cottage Lubenham Market Harborough Leics	Cleveland Bay	Aschamham Peers West Wrentham Dorset Norfolk	Suffolk
Alexander F G Laurel Farm Colgate End Fulham London	Sh re	Aschby A W Ashby St Leers Rugby Warw	Shure
Alexander P T Meeting House Farm, Wington Bristol Wils	Shure	Aschby J T, Surrey Long Buckley Rugby Warw	Shure
Altar Brother Lower Healer Farm Chorley Lanes	Shure	Aschroft Alfred High Hall Tollerham D Arce Essex	Shure
Altan George C Clifton Farm Devon Devon	Shure	Aschroft W Barton Moss Patterson Manchester Lanes	Shure
Alder J Wella & Sheld Fm M Green Innesstone East	Shure	Aschroft W Winton Bristol Glos	Hackney
Alan Thomas, Ryde Farm Ripley Surrey	Shure	Ashton A G H Fine Ridge Farmham Surrey	Shure
Alan Will am Malton Ho se M Mithorpe W m land	Shure	Ashton H C Lubenham Market Harborough Leics (cp)	Shure
Alan Capt J Colerh Home Farm Weymouth Surrey	Sh re	ASHTON H S, Truvelors Ingletons, Essex	Shure
Allen S Lney, Moor Court Br Stroud Glos	Hackney	Ashton Fen Farm near Chapel Spalding Lincs	Shure
Allen Thos Level elds Br Anslow Barton-on Trent Staffs	Shure	Ashtown W H Waterstock Oxford	Hackney
Allen W H, Hackett Hall Lewish Suffolk	Suffolk	Ashtowndon Col S W L Last Gate Cookham Berks	Shure
Allen C C F Trent House Farm Barton-on-Trent Derby	Hackney	Ashtown Mrs D Breenham Bolton Le-Moore Lanes	Shure
All son J Hargrave H H Mital npton Betale Yorks (p)	Clydesdale	Ashtown W H Wain House Leicestershire Lanes	Shure
All son R L Lambton H B Mutter knowle Co Durham	Cleveland Bay	Ashton Thos S St Bernard Cusl Norfolk	Shure
Alton A Homeless Le Em, Nottol Market eld Yorks	Shure	Askew C Jun, Church Street Willingham Cambs (cp)	Shure
Alton H rkey Hill Farm Barton-on-Trent Liverpool (cp)	Shure	Askew D & Son West eld Willingham Cambs	Shure
Alton W W, Newhope Hall Atterburgh Suffolk	Shure	Askew George, Clayton Gate Liverpool Lanes	Shure
Alton W S & Sons Winton Hall Birkm n Lanes	Shure	Arnall Maj R J Standon Hall Cluthere Lanes (c)	Shure

Name and Address	Breed	Name and Address	Breed
Arthur J. J., Ltd., Church M nshull, Middlewich, Ches	Shire	Baker, P., Willmoor, Alcester Rd., Stratford-on Avon	Hackney
Aspley Marcus, Waine, Shawford, Derby	Hackney	Warks	Shire
Aspley J. W., Bughall, Doolley Bridge, Penrith, Cumb	Shire	Baker, S. L., The Lower Grange, Major, Mon	Shire
ATKINS, COL. E. C., Strutton House, Strutton Bassville, Huddersfield, Leeds.	Shire	Baker, Thomas, Brook End 1 Little Dunmow, Chelmsford, Essex	Suffolk
Atkinson & A. C., The Abbey, St Bees, Cumberland	Hackney	Baker, W. J., London St, Major, Mon	Shire
Atkinson Capt. J. B., Gallowhill Mreth, Northumb (p)	Clydesdale	Baker, W. H., Lower Grange, Major, Mon	Shire
Atkinson, G. W., South Em, F. Morn, Peterhead, Hants (c)	Shire	Balderston, Thomas, New York Lincoln	Shire
Atkinson H., Vashotts Lodge, Northallerton, Yorks	Shire	Baldwin Frank, Great Barton Hart St Edmunds, Suff (s)	Shire
Atkinson, John H., Howers, W. New, Aspatria, Cumb	Shire	Baldwin, W. B., The Manor House, Orton Waterville,	Shire
Atkinson, Lucas, Postland, Peterborough, Northants	Shire		
Atkinson, R. T., Acorn Farm, West Auckland, Co. Durham	Clydesdale		
Atkinson Robert, Hives, Gildersdale, Yorks	Shire	Balfour, E., Sixaverton Court Farm, Cheltenham, Glos (s)	Shire
Atkinson, T. Whimont, Greatford Manor, Stamford, Lincs	Shire	Balfour, M. & I., New Belts, Haughey Suffolk	Suffolk
Atkinson, Thomas, Blakesley, Towcester, Northants	Shire	Ball, C., Church Bank, Hurton, Carmarthens	Shire
Atkinson, W. Wood End Farm, Biggles, Kirkby Lonsdale, Wrexham	Shire	Ball, J. & Son, Claybrooke, Lutterworth, Rugby Warks (p)	Shire
Atkinson, W. J., Punsby House, Bourne, Lincs	Shire	Ball, Frank, Hampton Hill, Northampton	Shire
Atkinson, W. J., Farratt Hills Farm, North Cates, Yorks	Shire	Ball, Gordon, Hail, Burcot, Wiltshire, Salop (p)	Shire
Atkinson, Wm., Blyth, Rotherham, Yorks	Shire	Ball, J., Knodshall Hall, Saxmundham Suffolk (c)	Shire
Atkinson, J. W., The Clock House, Bradford, Yorks	Hackney	Ball, J. H., Court Farm, Aylton, Leicestershire	Shire
Attenborough, M. George, Catesby, Daventry, Northants	Shire	Ball, Joshua, Southworth Hall, Warrington, Lancs (p)	Hackney
Attenborough H. A., Catesby, Daventry, Northants	Shire	Ball R. A., Upperleigh, Leigh, Stoke-on Trent Staffs	Shire
Atterbury, G. G., West Haddon, Rugby Warks	Shire	Ball T., Norton Farm, Stone Staffs	Shire
Atterbury J. E., Wellford, Rugby Warks	Shire	Ball W., Barn Farm, Hatfield Cuffe, Atherstone Warks	Shire
Attfield A. & F., Peading Lane, Lutterworth, Rugby, Warks	Shire	Ballinger, A. E., Vennore, Dhlwyn S. O., Hereford (c)	Shire
		Balls, Sam, Hall Farm, Carlton Colville, Lowestoft, Suff	Suffolk
		Balme Thomas A., Rothwell, Leeds, Yorks	Shire
		Banbury of St. Albans, Baron, Warrimoor Place, High	Shire
		worth, Wiltshire	Shire
Attrill James, Wrayes Court, Brightstone, IOW (s)	Shire	Banks Ralph, Kingston Lacy, Wimborne Dorset (c)	Suffolk
ATTRILL, L. COLE, Baitingbourne, Newchurch, IOW (sp)	Shire	Banks, B. J., Curlew Lodge, Sutton Bridge, Lincs	Shire
Atwood Thos., Brooks Hreasting L. n. Watnall, Nottingham	Shire	Banks, D., Appleton House, Bolton Jersey, Yorks (c)	Shire
Aubrey, R. T., Weybridge, Elingham, Hants	Shire	Banks, Walter, 561, Lytham Road, South Shore Black	Hackney
Auden, W., Wrookland, Watford, Herts	Shire	Barclay, L., Lanes, Lancs	Shire
Austin, Mrs. G. J., Ellem Mead, Totterdean, Herts (c)	Shire	Barber, Arthur, Grove Grange, Retford Notts (p)	Shire
Ayre Alfred, The Lodge, Bessall, Matlock Derbyshire (c)	Shire	Barber, Fred, Holme House, South Carlton Worskop	Shire
Ayford Thos., Lullington Court, Alfriston, Sussex (sp)	Shire	Notts	Shire
Aykroyd, Sir W. E., Grantley, Ripon, Yorks (c)	Cleveland Bay	Barber, George M., North Carlton, Worskop Notts	Shire
Aynsley, Gerald, Blorton House, Leicester, Staffs	Shire	Barber, Norman, Hamby Moor Farm, Retford Notts	Hackney
Aynsley, H., Blythe Bridge, Stoke-on Trent, Staffs	Shire	Barber, S., Old Mill Farm, Whitby, Northwick Chesh	Shire
Ayre, E. E., Trevanion House, Newquay, Cornwall (c)	Shire	Barber, Thomas, Canvey Island, South Benfleet Essex	Shire
		Barber, Thomas P., Lamb Close House, Eastwood Notts	Shire
		Barbour, Duncan, Kinsgarth, Burton Overly, Leicester	Shire
		Barbour, Miss Giff, Boston Old Hall, Chester, Cheshire	Shire
		Barclay, Alfred, Manor Farm, Compton, Newbury, Berks	Shire
		Barclay, E. & Sons, Brent Pelham Hall, Buntingford, Herts	Suffolk
		Barclay, Maj. J. & Mrs., Woodlands, Gallewood Chelms	Shire
		ford Essex	Hackney
		Bargh, Isaac, Holme House, Kirkby Lonsdale Wmld (sp)	Shire
		Barham, W. B., The Hall, Bruisard Saxmundham, Suff (p)	Suffolk
		Barling, A., Woodlands Farm, Bramden, Hants	Shire
		Barlow, A., Kenne, Stowmarket, Suffolk	Percheron
		Barlow, Benjamin, Newton, Nottingham	Percheron
		Barlow, C. & N., Stilton House, Hamsley, Yorks	Shire
		Barlow, Charlie, Hill Top Farm, Meynel Langley Derby	Shire
		Barlow, E. J., Longford, Derby	Shire
		Barlow, Mrs. Eileen, Bacton Hall, Stowmarket Suffolk	Shire
		Barlow, Sir Francis, Lowndes House, Lowndes Pl., S. W	Percheron
		Barlow, Harry, Cubley, Sudbury, Derby	Shire
		Barlow, J. & Son, The Grange, Barrow-on Soar, Leics (c)	Shire
		Barlow, J., C., Ellerton Hill, Scorton, Darlington, Co. Dur	Clydesdale
		Barlow, Kenneth T., Deal Farm, Saxton Cambs	Shire
		Barlow, W. B., Swineshead, Boston, Lincs	Shire
		Barlow, W. C., Marston Montgomery, Doveridge Derby	Shire
		Barlow, Capt. J. H., Earsham Park, Bungay, Suffolk (c)	Percheron
		Barlow, F. B., Amberley, Newmarket, Suffolk (c)	Shire
		Barlow, John, Browfield Farm, Lincs	Hackney
		Barlow, Sir John Emmott, Bt, M. P., Torkington Lodge, Hazel Grove, Nr. Stockport, Cheshire	Hackney
		Barlow, Thomas & Sons, Misterton, Doncaster Yorks	Shire
		Barlow, Wm., Manor House, Histon-on-the-Hill, Bedford	Shire
		Leics	
		Barnd, Baron, Raby Castle, Staunton, Darlington, Co. Durham	Clydesdale
		Barnd, Robert, Parsonage Farm, Thaxted, Essex	Shire
		Barne, Lord, Hives, Rotherham, Notts	Shire
		Barne, M. E. St. J., Scatterley Hall, Wreatham, Suff (c)	Shire
		Barney, P. B., Wilcote, Hereford	Shire
		Barne, L. T., Great Glenham House, Saxmundham Suffolk	Suffolk
		Barne, H. H., Ham, Offord, Woodbridge, Suffolk	Suffolk
		Barne, Jeffrey, C., Old Hall, Hampton, Penrith, Cumb	Clydesdale
		Barne, Joseph & Son, Barugh Syke, Wighton, Cambs (c)	Shire
		Barne, Thomas, Westnewton, Aspatria, Cumberland	Clydesdale
		Barne, Thompson, Low Esking, Kirkcudbright, Carlisle, Cumberland	Clydesdale
		Barrett Geo. A., Bulkeley, Malpas, Cheshire	Shire
		Barrett, John, Ladbrooke Hill, Southam Warks	Shire
		Barrett T. W., Ladbrooke Grove, Southam, Warks	Shire
		Barrie, D., Donington Insps, Quaden, Spalding Lincs	Shire
		Barr, John B., East Moneys, Cornhill-on-Tweed, Northumberland	Clydesdale
		Barraclough, E. Ramsey Tyrell, Ingatstone, Essex, (c)	Suffolk
		Barrell, A. & J., Coddham Ipswich, Suffolk	Suffolk
		Barrell, J., Creel Farm, Cranham, Lincs	Suffolk
		Barrell, G. B., Manor Farm, Carbrooke, Thetford, Norfolk	Shire
		Barrell, T., Leeds Farm, Hemington, Ipswich, Suffolk	Shire
		Barrett L., West End, Whitlsea, Cambs	Shire
		Barrow, G. E., Summers Hall, Wethersfield, Braintree, Essex	Suffolk

[illegible]

Name and Address	Breed	Name and Address	Breed
Riccart, James, Ormshaw Farm, Kewick, Cumb	Clydesdale	Road, G. M., Alresford House, Ashbourne, Derbyshire	Shire
Riccart, W. R., Rykhouse, Scrimm, Garsdale, Cumb	Clydesdale	Road, J. Samuel, Farther Heights Farm, Rochdale, Lancs	Hackney
Ridgway, Fred, Wheeler Hall, St. Leonards, Wals. (c)	Shire	Road, J. Thos., The Linden, Luiborn, Thos. Thos. Lincs	Shire
Rollinson, Henry, The Laurels, Ham, Hungerford, Berks	Shire	Rodgett, G. B., Nidville, Slicker, Boston, Lincs	Shire
Rollinson, John, Moss Farm, Leyland, R., Penwortham	Hackney	Rodwell, R. T., Farwick Leys, Farwick, Ashbourne, Derby	Shire
Roston, J. W., Allendale House, March, Cambs	Shire	Rodwell, G. W., Harwell Fields, Hinxley, Leics	Shire
Roun, David, Hulle, Burch, Woodland, Suffolk	C Suffolk	Rodwell, J. A., Church Farm, Himsforth, Leicester (c)	Shire
Ringham, I. J., Lutterworth, Linton, Chesterfield, Derby	Shire	Rodwell, J. Mest A., Norfolk, Warwick	Shire
Ringham, W. B., Long Bennington, Grantham, Lincs	Shire	Rodwell, G. B., Tasey, Hildon, Salop	Shire
Ringle, J., Portland House, Bolsover, Chesterfield, Derby	Shire	Rodwell, G. W., Lion Farm, Lower Graythwaite, Leeds (c)	1ercheron
Rivington, J. W., Haxton, York	Shire	Rodwell, J. A., Ardenote, Claverdon, Warwick (c)	1ercheron
River, Arthur, Clarkon, Ham Farm, Easton, Kent	Shire	Rodwell, G. W., Tickfield House, Mickleton, Nr Leeds	Shire
Ritch, J. H., High Street, Spalding, Lincs	Shire	Rodwell, G. W., Cumberlow Green, Buntingford, Herts (c)	Shire
Ritch, J. W., Nelson, Seaford, Nr Laverpool, Lancs	1ercheron	Rodwell, George, Great Glenham, Saxmundham, Suffolk	Suffolk
Ritch, James, Ralph, Hill Farm, Doverdale, Derby	Shire	Rodwell, Capt. Percy R., Cranston Hall, Saxmundham, Suffolk	Suffolk
Ritch, A. J., Tatter, Peterborough, Northants	Shire	Rodwell, H., Lower Newton Farm, Team, Stoke-on-Trent, Staffs	Shire
Ritch, Christopher, Yaxshaw Hall, Penryn, Cumb	Clydesdale	Rodwell, A. J. W., Farwell, Lichfield, Staffs	Shire
Ritch, Capt. D. J., Mill House, Sponchurch, Ipswich, Suffolk	Suffolk	Rodwell, F. O. J., Stud Farm, W. Green, Warwickshire	Shire
Ritch, J. W., West Lodge, Bradfield St. George, Hury St Edmunds, Suffolk	Suffolk	Rodwell, Dr. D. W., Tudor Lodge, Lowestoft, Suffolk (c)	Suffolk
Ritch, Harry, Waton-on-Trent, Derby	Shire	Rodwell, Alfred, "The Firs," Yeharley, Ashbourne, Derby	Shire
Ritch, M., Stoke Hole Cross, Norwich, Norfolk (c)	Suffolk	Rodwell, A. J. P., Bennington, Lordship, Stevenage, Herts	Shire
Ritch, G. L., Little Maccingham, King's Lynn, Norfolk (c)	Clydesdale	Rodwell, John, Edward, Upper Hill, Brenton, Herefordshire (c)	Suffolk
Ritch, John, Little Mire, Eastfield, Cumberland	Clydesdale	Rodwell, W. Stewart, Ingon Manor, Stratford-on-Avon, Warwick	Shire
Ritch, Noble, Little Mire, Hensingham, Whitehaven, Cumb	Clydesdale	Rodwell, L. W., Roworth Farm, Newland, Malvern, Worcs	Shire
Ritch, R., Low Hall, Hensingham, Whitehaven, Cumb	Clydesdale	Rodwell, A. J., Broom Hall, Gosnell, Staffs	Shire
Ritch, H., Edmond Lodge, Colton, Bassett, Notts	Shire	Rodwell, Dr. A. J., Brook End Farm, Garsdale, Notts	Shire
Ritch, W., Cheater Rd., Northwich, Cheshire	Welsh Pony	Rodwell, J. W., Broadhead, Henshall, Lichfield, Staffs	Shire
Ritch, H., Church Farm, Broughton Gifford, Wiltshire	Shire	Rodwell, J. W., Hinton Farm, Hinton Charterhouse, Bath, Somerset	Shire
Ritch, T. H., Park Farm, Hungerford, Berks	Shire	Rodwell, Robt., Bickerton, Malpas, Cheshire	Shire
Ritch, V., Wottonwood, Box Wills	Shire	Rodwell, W. R., Crookham, Buntingford, Herts	Hackney
Ritch, William, Seven House, Brierley Salop	Shire	Rodwell, B. Bradway Farm, West Fen, March, Cambs	Shire
Ritch, Ralph, Chobsey, Wallingford, Berks	Hackney	Rodwell, Daniel, The Nant, Newcastle, Notts (c)	Shire
Ritch, D. B., Daxton, Daxton, Stowmarket, Suffolk	Clydesdale	Rodwell, Thomas H., The Park, Woburn, Beds	Welsh Pony
Ritch, G. F., Forderstall, Derwent-on-Tweed, Northumb (c)	Hackney	Rodwell, R. G., Rufford Hills, Ollerton, Newark, Notts	Shire
Ritch, Robert, The Grove, Oswaldkirk, York, Yorks (c)	Shire	Rodwell, W. W., West Hill Cott., Chesterfield, N. Mansfield, Notts	Shire
Ritch, William, Brackenham, Malmesbury, Wiltshire	Shire	Rodwell, W. W., Hawarden, Chester, Cheshire	Shire
Ritch, A. H., Brook End Farm, Garsdale, Notts	Shire	Rodwell, T. R., Grendon House, Grendon, Northampton (c)	Shire
Ritch, L. M., Street Farm, Pitham, Market Norfolk (c)	Suffolk	Rodwell, T. Minor Lodge Farm, Wotton, Notts	Hackney
Ritch, M., Moss Hall Farm, Out Ravelthie, Garsdale, Lancs	Shire	Rodwell, Dr. A. J., Fyfe Farm, Garsdale, Notts (c)	Hackney
Ritch, W., St. John's Wood Farm, Thornham, Northants	Shire	Rodwell, John, Tugby, Warwickshire	Shire
Ritch, H. J. & W., Beach House, Lydd, Kent	Shire	Rodwell, Arthur, S. M. A., J. P., Gilston Park, Harlow, Essex	Shire
Ritch, T. B., Higher House, St. Giles in the Wood, Great Torrington, Devon	Shire	Rodwell, P. E., Oxerton Hall, Rudolph, Congleton, Cheshire	Shire
Ritch, T. B., Sea Hurst, Moore, Warrington, Lancs (c)	Shire	Rodwell, A. Crookham, Buntingford, Herts	Clydesdale
Ritch, W. A., Ramer, Dux, Sheffield, Yorks	Shire	Rodwell, L. W., Low Farm, Ackworth, Pontefract, Yorks	Shire
Ritch, Robt., Warton Hall Farm, Igham, Lancs	Shire	Rodwell, W. W., Spalding Common, Spalding, Lincs	Shire
Ritch, H. C., Fowler's Farm, Malvern, Worcs	Shire	Rodwell, Joseph, Chisum Hall, Penryn, Cumb	Clydesdale
Ritch, Wm., J., East Rowtree Farm, Hamsterley, Wiltshire	Clydesdale	Rodwell, R. A., Rockhill, Keynham, Bristol, Glos	Shire
Ritch, W., Woodcock Farm, Whitwell, Mansfield, Notts	Shire	Rodwell, Benjamin G., Sandham, Lincoln	Shire
Ritch, R. F., Furnivall, Amersham, Bucks	Hackney	Rodwell, Geo., Letcham Farm, Peasmarsh, Sussex	Shire
Ritch, Geo., Corrgrave, Uplatham, Marseby-by-the-Sea, Yorks	Clydesdale	Rodwell, Joseph, Thornton House, Frithville, Boston, Lincs	Shire
Ritch, Frank, Wingham, Cambs	Shire	Rodwell, T. T. Molesworth, Huntingdon	Shire
Ritch, Percy, Spall Farm, Wrexham, Isle of Wight	Shire	Rodwell, W. R., The Hyde, Little Wymondley, Essex	Shire
Ritch, Thomas, Howfield, Southwate, Carlisle, Cumb	Clydesdale	Rodwell, W. T., Jessamun House, Buckton, Hants	Shire
Ritch, Joseph, Cheswardine, St. Rochdale, Lancs	Hackney	Rodwell, W. W., Shouldham Downham Market, Norfolk	Shire
Ritch, A. H., Cheswardine, Market Drayton, Salop	Shire	Rodwell, R. King's Arms Hotel, Sutton Coldfield, Warwick	Hackney
Ritch, A. H., Cheswardine, Market Drayton, Salop	Shire	Rodwell, Thomas, Buntingford, Herts	Shire
Ritch, F. L., Brockwood, Copdock, Ipswich, Suffolk	Suffolk	Rodwell, Viscount Bromesbury Castle, Durham	Clydesdale
Ritch, W. C., W. W., Wicketon Hall, Cleobury North, Shropshire, Salop (c)	Shire	Rodwell, W. W., Burton Agnes, East Yorks	Shire
Ritch, T. Fern House, Egham, Surrey, Hants	Hackney	Rodwell, W. W., Manor House, Marham, Gt. Yarmouth, Norfolk	Shire
Ritch, C. K., The Meads, Dringstone, Hury St Edmunds	Suffolk	Rodwell, E. W., West Farm, Wotton, Wiltshire	Shire
Ritch, Geo., Red House, Medley Hall, Doncaster, Yorks	Shire	Rodwell, D. P., Buxton, East Staffordshire, Buxton, Derby	Shire
Ritch, Guy & Ralph, Boxed Hall Farm, Nr Colchester, Essex	Shire	Rodwell, Richard, J., Banks, Southport, Lancs	Shire
Ritch, Albert, Alma House, Hawkthorn, Kent	Hackney	Rodwell, Earl of, Weston Park, Shifnal, Salop	Suffolk
Ritch, Sir Ralph, D. C., Cockfield Hall, York, Suffolk	Suffolk	Rodwell, John, Arden, Altrincham, Cheshire	Shire
Ritch, A. B., Maplestead Hall, Nr Halstead, Essex	Suffolk	Rodwell, Mrs. A., Eythfield, Peterborough, Northants	Shire
Ritch, J., Croxden, Rooster, Staffs	Shire	Rodwell, H. A., Huntingdonfield Lodge, East Bradenham, Bedfordshire	Shire
Ritch, John, Stoke Dry, Lymington, Rutland	Shire	Rodwell, J. (the Exors of) Halstead House, Tilton, Leicester	Shire
Ritch, H. J., Crettingham Lodge, Earl Sobham, Framlingham, Suffolk	Suffolk	Rodwell, James, Stanley Park, Weston, Wiltshire, Lancs	Shire
Ritch, Richard, Weston Farm, Stratford-on-Avon, Warwick	Shire	Rodwell, Mrs. A., Tynchmore, Westhall, Halesworth, Suffolk	Shire
Ritch, H. M., Crosby Hall, Bury, Lancs (c)	Shire	Rodwell, J. W. & Sons, Ryal Fen, Manes March, Cambs	Shire
Ritch, P. M., Crosby Hall, Bury, Lancs (c)	Shire	Rodwell, W. D., Thornton-le-Fyde, Blackpool, Lancs	Shire
Ritch, Mrs. S., Whitehorn, Clayton-le-Dale, Blackburn, Lancs	Hackney	Rodwell, John, P. C., Stoke Charity, Stoke Newington, Hants (c)	Shire
Ritch, John, Creswell Mill Farm, Mansfield, Notts	Shire	Rodwell, R. J., Freckle, Doncaster, Yorkshire	Shire
Ritch, Thomas W., Laburnum, Hills, Hury, Cheshire	Hackney	Rodwell, William, Park House, North Bedford, Selby, Yorks	Shire
Ritch, F. Mount Olive Farm, Hillym, Nr Withernsea, Yorks	Hackney	Rodwell, W. R., Brook Hall, Foxearth, Long Melford, Suffolk (c)	Shire
Ritch, John, Buttercup Farm, Seaton, Hall, Yorks	Hackney	Rodwell, W. R., Building End, Chesham, Roxton, Essex	Shire
Ritch, Wm., Carlwick, Hull, Yorks	Shire	Rodwell, W. R., Baldon, Colchester, Essex, Suffolk	Shire
Ritch, S. M., Little Hall, Solihull, Birmingham, Warwick	Shire	Rodwell, W. R., Ashton Hall Farm, Stone, Staffs	Shire
Ritch, J. J., Rowsley, Derbyshire	Shire	Rodwell, Henry B., Capenor, Nuffield, Surrey	Shire
Ritch, J. F., Fosters Drive, Moulton Chapel, Spalding, Lincs	Shire		
Ritch, Colliery, Ltd., Chesterfield, Derbyshire	Shire		
Ritch, John, Fosters Drive, Moulton Chapel, Spalding, Lincs	Shire		
Ritch, W. & Son, Pynhill House, Farnham, Berks	Shire		
Ritch, J. N. House Farm, Brynham, Wiltshire, Lancs	Shire		
Ritch, T. R., The Manor, Stratton, Worcester	Shire		

Name and Address	Breed	Name and Address	Breed
Barton W A 91 Westbourne Terrace London W	Hackney	Beever J Park Road Hove Hove Huddersfield Yks (c)	Percheron
Barton Wilfred Hasleley Wark Ck	Shire	Bevers G Low Farms Cl Ford Boston Spa Yorks	Shire
Barrs W Temple Meads Burton-on-Trent Staffs (t)	Shire	BEHRENS MAJ C Swinton Grange Malton Yks (csp/t)	Hunters
Barstow H M Green Gates Carlton Horsforth Leeds	Hackney	Belcher J Normanton Tiberion Farm Yorks (csp/t)	Shire
Bartlett G M Great Henny Cote Sudbury Suff (c)	Suffolk	Beldam Richard High Street West Bromwich Staffs	Hackney
Bartlett Fred Hayton Reford Notts	Shire	Beldam A & L River View Earth St Ives Hunts	Hackney
Bartlett Edmund Halsey Brackley Northants	Shire	Bel Anthony Muckerden House Matten New-castle-on-Tyne Northumberland	Shire
Bartlett F J Falcutt Hall Brixton Northants	Shire	Bell Bow Cape House Carlton Stockton-on-Tees	Clydesdale
Bartlett T C Needon Hartland Devon	Shire	Bell C Hemal ground Hall Stallton Marton S O Yks	Clydesdale
Barton Charles Whitwell Farm Tadcas ex Yorks	Clydesdale	Bell C T Aux ery Bourne Lincs	Shire
Barton J & Son Garreave A rby in Furness Lancs (c)	Clydesdale	Bel Charles T Hester Farm B deford Devon	Shire
Baxter Miss H R Barkfold House W shoro gh Gorton Sussex	Shire	Bell Coo F Tweteds de M adrum Northumberland	Clydesdale
Bawise John Sneek Yeat Hirs ningham Whitehaven Cumbria	Clydesdale	Bell G L Gae House Burn Selby Yorks	Shire
Backwell W J Trentville Streetway Light eld Staffs	Shire	Bell James K rby Old Parks Leighton, Leicester	Shire
Baughrough R L Wyke House Ruyton A L Towns Salop	Shire	Bell James F B iton Haresley, Northumberland	Clydesdale
Bass A H Holbeach Marsh Holbeach Lincs (p)	Shire	Bell South Kewey H H Midland Suffol	Shire
Bass S F Wm Bt Byrkle Lodge Burton-on-Trent Staffs	Shire	Bell O M D Stork House Lambourn Berks	Thoro zbbre
Bassett J Harwd Ch Farm Asbyover Chester eld Derbyshire	Shire	Bell Robt W Worley Car Farm Yarm-on-Tees Yorks	Clydesdale
Bast J P Westlands L nfield Surrey	Shire	Bell Thomas W dille Farm Brampton Carlisle Cumb	Clydesdale
Bast J T South Cold ogham Notts	Shire	Bell W T Berton Aylesbury Bucks	Clydesdale
Bateholder H A Hale House Darland Chatham Kent(p)	Shire	Bell Wm C Kitton Hall Farm, Broton Yorks	Clydesdale
Bate Thos H Stannery Grange Whitby Chester Chs	Shire	Bellamy E & Son Fawley Ct Hereford Herefordshire (p)	Shire
Batemans S St Albans House, Alconley Coventry Warwick	Shire	Bellamy W M Wamblington Cambs	Shire
Bates George Norths de Thorney Peterborough Nants	Shire	Belland K Newton Hall Yorks	Shire
Bates Jas Blanea Cambs	Shire	Belton & Sons Old Hall Farm Shornbury Essex	Suffolk
Bates W F Sporthro Ho se W sheeh Rd March Cambs	Shire	Belton Horace B Marham Downham Market Norfolk	Shire
Bathu St The Earl of C M G C Rochester Park Cirencester Glos	Shire	Bembidge Joseph Hallow Newark, Notts	Shire
Bathurst Maj S Fred Somerke Park Stockbridge Hants	Clydesdale	Bennett John Wm Wash Batton Gate Cumberland	Shire
Batten E J The Suna omme Farms W nton Noyland Essex	Suffolk	Bennet P C H Lat mer House Little Bowden Market Harborough Leics	Hackney
Batli Jas South Anston Sheffield Yorks	Shire	Bennett The Hall Sutton Hereford	Shire
Batli E Kewton Hall Sheffield Yorks	Shire	Bennett G H Sawley Leics	Shire
Baty J E R R Bank Top Kents Northumbria land	Clydesdale	Bennett Geof D S Thurston Hadley Common Near Harnet Herts	Hackney
Baxter J R Sutton Gate Sutton St Edmunds Ws	Shire	Bennett Henry Ed Holt Castle Farm Worcester (p)	Welsh Pony
Baxter H Freres & Walsoken Wisbech Cambs	Hackney	Bennett Stephen Francisford Court Worcester	Shire
Baxter Robt Oxolote Farm New Washington Gateshead Co Durham	Clydesdale	Bennett W A Inkerhall Farm Brimington Chester eld Derby	Shire
Baxter T Beverley Somerv le Rd Sutton Cold eld Warwick	Shire	Bennison R E Wall Grange Farm Leek Staffs	Shire
Bayes C T M dle Huncote Walsbyre Warwick	Shire	Benson J R Easthamp Moor Wenlock Salop	Shire
Bayley A H Orchard Bungalow Leat R se Ma denbach Berks	Shire	Benson J F Topperfield Hall Castle Hedonham Exx	Suffolk
Bayman P A Lethingham Abbey W ckham Market Suffolk	Suffolk	Benson J S & T Home Farm Walney Barron in Furness Lancs	Shire
Baynes G The Lea R dge M ll on Tyne Northumb (cs)	Hackney	Benson J W Low Farm Grove Reford Notts	Shire
Bayston E L Graystone H L Hugar Warms	Shire	Benson Col John M Oswald rk Hall Yorks	H chney
Bayly John Oxcliffe Fly Cambridges	Hackney	Benson K Grove Moor Treswell Reford Notts	Shire
Beadle Fred Wheatle Chambers Marston E rth	Hackney	Bent J Houghton Towern Farm Leicestershire	Suffolk
BEAK JAMESD Newstead Maden Brad y Wills (csp/t)	Shire	Bentley Percy The Orchards Larch Hall Southend on Sea Essex	Shire
Beahy C W Suffield Spald ng Lincs	Shire	Bentall Wm & H The Hall Royston, Essex	Shire
Beale A A 311 Holloway Road Halloway London	Shire	Benton A S Rookwood Farm, Essex	Shire
Beale Mrs A J Kirkland Winton Surrey Salop	Hackney	Benton W A Ticon Co It read Berks	Shire
Beales H F Lickfield Salfron Walden Essex	Shelton Pony	BEYNON J H L P Engle eld House Reading Berks (csp/t)	Shire
Beales H G Hambleton Hurley on Thames Oxon	Shire	Beresford Brod Lyndep Edge Grange Auntonham Yorks	Shire
Beard T H Toner Lathbury Leonard Lees Yorks	Shire	Bernard Col P H Nether Wyndebank Fostery Yorks	Shire
Beard T J Ivythorpe Gough Road Edgerton Northampton Warms	Shire	Berners Maj John Anstruther O B E Wolverston Essex Ipswich Suffolk	Suffolk
Beaumont John Birmingham Whitechurh Dorset	Hackney	Berridge Eric Sawney Peterborough Northants	Shire
Beast A A Stonebridge B s L yn Norfolk	Shire	Berry James Forgate House Shrewsbury	Welsh Pony
Beaton G A T F lernell Winton Leicesters	Shire	Berry J Cambsbawm Farm Great Heaton M dleton Lancs	Shire
Beatty A Chester Caled Hark L the Chart Herts (c)	Shire	Berry R chard Litcham Farm Northampton	Shire
Beatty Tom Yew Tree Wighton Cumberland	Clydesdale	Berry S dney Ramsey St Mary a Huntingdon	Shire
Beauchamp The Earl & Bt of eld Court Worts (csp/t)	Shire	Berry Tom Tironer Peterborough Northants	Shire
Beauchamp L M B Stratton-on-the-Avon Somers	Shire	Berry Wm J Manor Farm Tuford Northants (p)	Shire
Beauchamp L M Norton Hall N rth Somerset	Welsh Pony	Berryman Wm Creadon Hall Goldchester Essex	Shire
Beauchamp Duke of Richmond Glos	Shire	Best Charles Pelton House Farm Pelton Co Durham	Clydesdale
Beaver R R Lichington Morte Tisbury Wiltshire	Shire	Bethell Wm R se Park Hull Yorks	Shire
Beaver H Coppnighd Lyton H ntford	Shire	Betheridge James Fast Grove Weymouth Worcester	Shire
Beaver R H Cottemore Lodge Oxsham Rutland	Shire	Betts Edward W Habn rby King s Lynn Norfolk	Shire
Beck H Marton C rane W dle Salop	Shire	Beyan Capt W Plushwood Haughley Stowmarket Suffolk	Suffolk
Beck M The Lane Ratonville Wssterland	Clydesdale	Beynon Arthur N H sham-on-the-H ll Nuneaton Warms	Shire
Beck H F Campton Ho se Leicester	Shire	Bewley Wm D dington Farm Meriden Coventry Warwickshire	Shire
Becker C M Wicks d Whitechurh Salop	Shire	Bibby Bros Cool Green Farm Camforth Lancs (cs)	Shire
Beckett The Hon Sir C H Kirkdale Manor Rawton Yorks	Cleveland Bay	Bibby M S L Sinesy Shrewsbury Salop	Shire
Beckett John Beckton Gulliam Road Heath Cheshire	Shire	BIBBY CAPT F BRIAN Sansay Shrewsbury Salop (csp)	Welsh Pony
Beckwith T C L L the Carlton Winton Leics	Shire	Bibby R chard B aphm Goss on Blackpool Lancs	Shire
Beddall W F Minton Church Street Salop	Welsh Pony	Bibby Wm Cl ve Wood G r m Salop	Shire
Bedford Duke of E C Woburn Herts Leics (cs)	Shire	Bickelock A Sons Marthorn Cottingham Cambs	Shire
Bedford Duke of H Ripplingdon Leicesters	Shire		

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Name and Address	Breed	Name and Address	Breed
Brantall, Maj C A, Oornington, Taftford, Glos	(sp) Suffolk	Brown, Eweritt A, Norwel, Newark, Notts	(c) Shire
Branson, J R B, Headley Mill Farm, Bordon, Hants	(c) Suffolk	Brown, F, Houghton Conquest, Camphill, Beds	Shire
Branshaw, Mrs Dorothy, Otten, Belchamp Hall, Clure, Staff	Suffolk	Brown, G W, Highfields Farm, Messingham, Cosmon	Shire
Branshaw, A & Sons, Ltd, Lane, Melton, Suffolk	Suffolk	Brown, G, Fawcett, Camphill, Beds	Shire
Branson, J H, Clure Farm, Embsayton, Cockerthorpe, Cumb	Clydesdale	Brown, H A, Croft House, Grendon, Atherstone, Warws	(c) Shire
Brass, Thomas, Mounsey Bank, Bouscar, Penryn, Camb	Clydesdale	Brown, Harry, Slow Bridge Farm, Stretham, Ely, Cambs	Shire
Brassey, H B, Bulkeley Grange, Malpas, Cheshire	(c) Shire	Brown, J D, Globe Farm, Dodford, Wotton, Northants	(c) Shire
Brassey, Maj Sir H L C, Bt, Apebtorpe Hall, Peterborough Northants	Shire	Brown, Joseph, Bessingham, Biddulph, Staffs	(c) Shire
BRASSEY, CAPT. R E, Cottesbrook Hall, Northampton	Shire	Brown, J D & Sons, Hall Farm, Walden, Essex	(c) Shire
Bray G H, Dormington Court, Hereford	(c) Shire	Brown, J Harold, Great Barford, Sandy, Beds	(c) Shire
Braybrook, J T, Coabit, Spalding, Lincs	Shire	Brown, R, The Grange, E Lilling, Sheriff Hutton, Yorks	Hackney
Brayner, F G, Grandborough Wood, Bucks	Shire	Brown, James, Egerton Arms, Chellard, Cheshire	Shire
Brayley, William, Rudmore Farm, Redbridge, Bucks	(c) Shire	Brown, James, Great Shiford, Lambourn, Berks	Shire
Brayley, George, Berthorpe, Rood, Wotton, Wiltshire	(c) Shire	Brown, J, Stratton, Le Street, Northants	(c) Shire
Brayley, J, Fielden Park, Wist Didsbury, Manchester, Lan	(c) Hackney	Brown, James Little, Wampool Farm, Kirkbride, Cumb	Clydesdale
Breeze, J, Church Farm, Saxstead, Framlingham, Suffolk	Suffolk	Brown, John, Toll Farm, Thorne, Peterboro', Northants	Shire
Brecon, J, Shuttleworth, Chesterfield, Derby	Shire	Brown, John D, Mibrook, Camphill, Beds	Shire
Breeze, John, Brockthorpe, Soke Norfolk	Suffolk	Brown, John T, Trent Side House, Althorpe, Doncaster	Shire
Breeman, John, Goldersby Park, Thax, Yorks	Shire	Brown, Jos, Walgarston, Penkridge, Staffordshire	(c) Shire
Breerton, Geo, Fitcham Hall King's Lynn, Norfolk	Shire	Brown, Jos, Croft House, Skerwith, Carlisle, Cumb	(c) Clydesdale
Breton, Richard, Forest Edge, Lindhurst, Hants	Shire	Brown, Joseph Robt, High Roans Farm, Strensall, Yorks	Hackney
Brewer, Wm, Gurnell, Malvern, Worcs	Shire	Brown, R A O, Dower House, Market Bosworth, Leics	Shire
Brewster, A H, Darville Farm, Wingham Diss Norfolk	Hackney	Brown, R, The Lodge, Colford, Devon	Shire
Brewster, Chas, Park Farm, Nottingham	Shire	Brown, R, Hill Moor, High Conscliffe, Darlington, Co Durham	Hackney
Brewster, P H, Treton, Suffolk	Clydesdale	Brown, Robt H, Rose Hill, Shillington, Hitchin, Herts	Shire
Brewster, Robert, East House, Tridion Colliery Durham	Clydesdale	Brown, Robt L, Milber, Stafford Rd, Croxson, Surrey	Hackney
Brewster, Robert, Plessey South Moor, Dudley, So, Wumb	Clydesdale	Brown, Robert, Green, Green, Green, Crews, (c) Shire	(c) Shire
Brewster, Septimus, Oulton Springs, Dudley, So, Wumb	Clydesdale	Brown, T, Low, Red Hill, Shifnal, Salop	Shire
Bridges, Alfred, Ship Farm, Farnborough, Hants	Shire	Brown, Wm, Hazel Manor, Compton Martin, Bristol, Glos	Shire
Bridges, Wm, Coles, Llanwrthwl, Lincs	Shire	Brown, Wm, J P, Longfield, Heaton Mersey, Manchester, Lancs	Hackney
Bridge, C, Parkside Farm, Newton in Willows, Lancs	Shire	Brown, Maj A S, Burdick Filleigh, Beauworthy, North Devon	Shire
Bridgman W J, North Fen, Bourne, Lincs	Shire	Brown, Henry, Park Bridge, New Barnet, Herts	Shire
Bridges, Gals, Mill Lane Head, Belper, Derbyshire	Shire	Brown, J G, Ardley House, Ardley Green, Romford, Essex	Hackney
Bridges, H, Mauleys Hall Fakenham, Bury St Edmunds, Suffolk	Suffolk	Brown, J G, Horrington Hall, Bury St Edmunds, Suff	(c) Suffolk
Briely, H V, Brow Top Thornley, Longridge, Preston, Lan	Hackney	Brown, J G, Harlington, Harlington, Suff	Shire
BRIGGS, WALTER, Linden Hall, Bormick, Nr Carnforth, Lancs	Hackney	Brown, J G, Harlington, Harlington, Suff	Shire
Brimley, Langside Hall, Abbey Town, Cumberland	Clydesdale	Brown, J G, Harlington, Harlington, Suff	Shire
Brish, A G, Livingston, Livingston, Herefordshire	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Briston, The Marquis of, Waterbury, Bury St Edmunds, Suffolk	Suffolk	Brown, J G, Harlington, Harlington, Suff	Shire
Broadhurst, M A & Sons, Higher Fold Farm, Hursfield, Oxfordshire	Hackney	Brown, J G, Harlington, Harlington, Suff	Shire
Broadley, J, Low Elton, Masham, Yorks	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Broadbent, Robert, Horse Close, Rathwell, Carlisle, Cumb	Clydesdale	Brown, J G, Harlington, Harlington, Suff	Shire
Brock, H B P, Billington Manor, Loughton Buzzard, Beds	Hackney	Brown, J G, Harlington, Harlington, Suff	Shire
Brock, W, Crumwell, Lool Lower Whitley, Northwick, Leicestershire	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Brockbank, J W H, Beckside, Silchester, Cumberland	Clydesdale	Brown, J G, Harlington, Harlington, Suff	Shire
Brockbank, Miss A, W Wing Green, Oakham, Rutland	Hackney	Brown, J G, Harlington, Harlington, Suff	Shire
Brockbank, Maj J, Upper Terrace Lodge, Hampstead, London	Hackney	Brown, J G, Harlington, Harlington, Suff	Shire
Brockhurst, H D, Sudley Castle, Winchester, Glos	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Brockhurst, Maj J H, Sudley Castle, Winchester, Glos	Peterson	Brown, J G, Harlington, Harlington, Suff	Shire
Brockhurst, W S, Grove House, Bedford	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Brockhurst, Wm, The Hermitage, Canon Pyon, Hereford	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, A, Hart Lane, West Hatfield, Durham	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, John, Golf Links Farm, Tadcaster, Yorks	(c) Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley Wm, New Hall, Smeethorpe, Longson, Salop	Welsh Pony	Brown, J G, Harlington, Harlington, Suff	Shire
Brock, A W, Bagin Hall Farm, Scisset, Huddersfield, Wks	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, Mrs, Uford Place, Woodbridge, Suffolk	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, Sir R D de Capell, Bart, Great Oakley Hall, Herts	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, J W, Childerley Hall, Cambridge	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, C R, Borthby Grange, Burch R O, Alford, Lincs	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, Chas, Haddiscoe, Bredon, Suffolk	(c) Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, Fred, Boats Bridge, Wymington, March, Cambs	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, J E, Midle Green, Wellington, Somerset	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, W, Wundmill Farm, Preston Brook, Warrington	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, G E M, Stone Hill House, Norton-on-Trent, Trent, Newark, Notts	(c) Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, W J, Dove Farm, Caverswall, Stoke-on-Trent, Staffs	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, Col Sir E, Kinkham Abbey, Yorks	Cleveland Bay	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, Wm, Corporation Farm, Boston West, Lincs	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, John H, Dordale House, Dalton, Cumberland	Clydesdale	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, Mrs Rachel, Beechill Aspatia, Cumberland	Clydesdale	Brown, J G, Harlington, Harlington, Suff	Shire
Bromley, A A, Impens, North Wharfedale, Bridgewater, Somerset	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Broun, H R, Eling, Hampstead, Norreys, Newbury, Berks	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, George, Riston, Wills, Kilsclaugh, Hall, Yorks	(c) Hackney	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, W, Ward Gate, Lumber, Cockerthorpe, Cumb	Clydesdale	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, A, Stockton House, Netherthorpe, Wakefield, Yorks	Hackney	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, Mrs A J, Haydon Hill, Aylesbury, Bucks	Clydesdale	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, A L, Brown, Hill Morton, Watton, Norfolk	Suffolk	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, Mrs, Hadden, Hadden, Farnham, Kent	Suffolk	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, H B, C, Cley Farm, Newport, Salop	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, Benjamin, Shillington, Hiltel, Herts	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, C W, Manor Hill Farm, Watton, Peterborough, Hants	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, Charles, Shillington, Hiltel, Herts	Shire	Brown, J G, Harlington, Harlington, Suff	Shire
Brown, J G, J, Kingston Hill Farm, Leich, Cheltenham, Glou	Shire	Brown, J G, Harlington, Harlington, Suff	Shire

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Name and Address	Breed	Name and Address	Breed
Cook Robert Whitnace Thetford Devon	Shire	Cowan James M Hill Longnewton Durling on Co Durham	Clydesdale
Cook T Hobland Ho A I Railwell Gt Yarmouth Norfolk	Percheron	Cowell Lady Clifton Castle Bedale Yorks	Liverdon
Cook W been Anneld Farm Cockeremouth Camb	Shire	Cowell Chas Bt chert Alston R Wharfedale Preston Lancs	Shire
Cooke A H Sinton Ho West Marton Sax pton N Craven Yorks	Clydesdale Hackney	Cowell Henry Callow H H Ledbury Hereford h re	Shire
Cooke Allen Witley Green Adlington Maclefield Chesh re	Shire	Cowell John B Bourne Hall Thornton Le Yds Lancs	Shire
Cooke C Old Hall Em Cl Houghton Ramsley Yks	Shire	Cowell W C & Son Verner 1 net on Winstow Bucks	Shire
Cooke C Edward 1 The Close Bt gtwade Beds	Shire	Cowg H To Mals a Cross H H Bechley Yorks	Shire
Cooke F H Town End Manor Spald ne Lines	Shire	Cowles R T St Dalls Newcastle Nt Monmouth	Shire
Cooke H B Cefney H B Wisbech Camb	Shire	Cowper Gales S H Lower B sterne R Newnont Hants	Welsh Pony
Cooke H J Pwylham Ho Crowland Leterboro N hants	Shire	Cox J J R n Stun 1 Farm Kirby Muxoe Leicester	Shire
Cooke James Look ne on better ne Northants	Shire	Cox John C Leys Barton Lincs	Shire
Cooke T W W Doncaster	Shire	Cox John Thomas 1 an on House Wragley Lincs	Shire
Cooke W J Rank House Walpole St Peter Wisbech Camb	Shire	Cox R Ph Hon e Farm North Cadbury Somerset	Shire
Cooke W J The Copp ce Hall agton Pontesbury Salop	Welsh Pony	Cox Wal e Wreake House Thrusington Leicester	Shire
Cooke Wm Slow Lincoln	Shire	Cox Walter L Linton 1 A & Chesterfield Derby	Shire
Cooper A H New Build ggs Admaston Rugeley Staffs	Shire	Cox Wm H Denham Lodge on Ashtree Bucks	Shire
Cooper Bros Wharfedale Drive Wisbech Camb	Shire	Cox Wilson & Sons Ct Batch Ashford Haverhill Derby	Shire
Cooper E Fild W M Farm Lutetwre Staffs	Shire	Coxon C L Milton Leimbridge Leom nter Hereford	Shire
COOPER SIRD A B, Bt Hursley Park Winchester Hants	Shire	Coxon T 1 Shelston Ashbourne Derbyshire	Shire
Cooper G Gordon Caldicote Radlock Herts	Shire	Coorns Waley G The White House Little Plumstead	Liverdon
Cooper Geo Church Fm, Cratt eld Halesworth Suff	Shire	Crabtree A C Ladbroke Southam Rugby	Cleveland Bay Hackney
Cooper J L M Iton Stoke-on Trent Staffs	Shire	Crabtree G Greystone Manor Burley on Wharfedale Yorks	Shire
Cooper R W J Swann agton Nwch Ch Norfolk	Shire	Cracknell Wal e W Chatham Market Suffolk	Suffolk
Cooper Robert L Holl bush, Asham, 1 enrith Camb	Suffolk	Crafer Henry James Houghton Wale agton Norfolk	Hackney
Cooper R W Watham Cook Farm Lost p Preston Lancs	Clydesdale	Craft J A MRCVS Bt Bt nburgh Sussex	Percheron
Cooper T Alden House Budby Ollerton Newark Notts	Shire	Cragg A L Ten M e Bank Downham Market Norfolk	Shire
Cooper Horsfall Capt W H Wetherby G eat Smeton Northallerton Yorks	Clydesdale	Cragg Wm Tottebank Greenodd Ulverston Lancash re	Shire
Co-operat ve Wholesale Soc ety Chertill Calne Wts	Shire	Cra H R Welham Lodge Market Harborough Le cs	Shire
Co-operative Wholesale Society Part val House Farm W sbch Camb	Shire	Cra M The Model Farm Wolves Newton R Cheshire Mon	Clydesdale
Cope D Sowdley Park Cheshwade Mkt Drayton Salop	Shire	Cra J Gosses Fm B rch Grove E Grunstead Sx	Clydesdale
Cope F W Goldstone Stud Farm Cheshwade Market Drayton Salop	Shire	Cra J James Biston on the H H L ester	Shire
Copeman H Blyburgate Beccles Suffolk	Hackney	Craig Wm Dunlop High Blunckes Cockeremouth Camb	Clydesdale
Copley G B Ald Farm Blyth Rotherham Yorks	Hackney	Craipark Rt Hon the Countess of Great Glenham House Saxmundham Suffolk	Shire
Copley John C Upper B oughton Milmowbury Le cs	Shire	Cranf eld W W Park Farm Buckden Hunts	Shire
Copley S W Dearsons H H Elstree Herts	Suffolk	Cranmer E Eastcotes Gt Tey Kelvedon Essex	Suffolk
Coppen, George, Whalebone Farm, Romford Essex	Shire	Cranwick Ho W Fowles House Hants Yorks	Shire
Copthley H L Brandon Wood Coventry Warw	Shire	Cranor B Rt Hon Lord Grangebu gh Hall Wood bidge Suffolk	Shire
Copthley J Barnesdale Rushton Maclefield Cheshire	Shire	Crapper L A & A Dront eld Sheff eld Yorks	Shire
Corden Wm, Thorpe St Peter Walefield Lincs	Shire	Craven L Knostrop Leeds Yorks	Shire
Cordell Herbert J Chantry Farm Orford Suffolk	Shire	Crawford H W Fowles Barton on Tweed Northumb	Clydesdale
Cordell Wm, 1 E Barton Cheshwade Lincs	Suffolk	Crawford Mrs Lowesby Le ester	Shire
Cort eld Capt Reginald The Jordans Ruspex Sussex	Clydesdale	Crawford A Hungarton, Le ester	Shire
Cornall Jam s Hard He d Cocke ham Austang Lancs	Shire	Crawford Dan el St fford Clays Grays Essex	Shire
Cornall Thomas Broughton Hall Nr Preston Lancs	Shire	Crawford Lady Gertrude Corrally Lymington Hants	Shire
Cornell W Rookery Fm Cock eld Bury St Edmunds Suffolk	Suffolk	Crawford James Potterells Farm North Mlms Hatt eld Herts	Shire
Cornel us R Southridge Manor Cromborough Sx	Shire	Crawford Robert Lowesby, Le ester, Le cs	Shire
Cornforth E Rington Farm East Kesw ck Leeds Yorks	Shire	Crawford T Gore House, Upchurch Kent	Shire
Cornolies Gustave E H Biston Place Oxb dge Mdx	Clydesdale	Crawford Thos Sutton a Farm Hornchurch Essex	Shire
Cornwallie T Talsick Hall W gton Cumberland	Shire	Crawford W H Gt Elm Farm Treby Malton Mowbray Le cs	Shire
Cornwallis Col F S W Linton Pk Mx diston Kent	Shire	Crawford Wm Nuneaton F elds Nuneaton Warw cks	Clydesdale
Cory S Clifford J Bt Llantarnam Abbey Mon	Shire	Crawford Wm Oakleigh H gham Kent	Shire
Cory H B The Dene Totton Nr Southampton Hants	Hackney	Crawshaw C Sea eld fe Barton eld bysh re	Shire
Cory W Ham Fulerton Manor Ashover Hants	Shire	Crayston G R Old Hall Farm Heyham Lancs	Shire
Cosway John Wagon Longe W borch Nork	Suffolk	Craigh R 1 Thetleton Hall Burgh Woodbidge Suff	Suffolk
Cottam Thomas Gowers Farm St Laurence Bungay Suffolk	Suffolk	Craigh R A Watham Frary Bath Somerset	Shire
Cotter H R L Ruscombe Twyford Berks	Shire	Crawte The Marquis of Crewe Hall Crewe Chesh re	Shire
Cott s & Sons West Street Rochford Essex	Suffolk	Craw Wm Arnold R Pyp ng Park L dga e Nr Newema Suffolk	Suffolk
Cotton A Pauncelott Court Hereford	Shire	Crisp G H Rosedale Tur Langton Le ester	Shire
Cotton Henry Blicney Essex	Hackney	Crit hlow A Follard Hall Blythe Br dge Stok on Trent	Shire
Cot on Jesse Weston-on Trent Derby	Shire	Croasdale T H Haverthwa te Ulverston Lancs	Shire
Cotton John Chellaston	Shire	Crockatt Kenneth A dham Hall Had e gh Suffolk	Suffolk
Cotton S Walnut Tree Farm Cheshmston Ipswich Sufflk	Suffolk	Croft N & Sons Shooers H H Wem Salop	Shire
Cotton Bower M s Walkern Hall Stevenage Herts	Shire	Croft J H Watney House Watney Le cs	Shire
Cottill S Home Em P p on Waleket Drayton Salop	Shire	Croft J W A bby Granee Rugby Warw ksh re	Shire
Coulman Wm 1 Eastoft Lincs	Shire	Crofts R C Dorington Stratford-on Avon Warwicks	Shire
Coulson J A High Dalby Pickering Yorks	Shire	Crofts W T S etton under Fosse Rugby Warw ksh re	Shire
Coulson John A Watton Abbe Hull Yorks	Hackney	Crompton R Hedgecroft Walton-on the H H Epsom Sufflk	Hackney
Coulthard, George E Biston Hall Ca lile Cumberland	Clydesdale	Crompton Roberts C M Drybridge Monmouth	Shire
Coulthard Jos Wm Rye Ca lile Cumberland	Clydesdale	Crook Arthur C & Sons Padbury Bucks	Shire
Coulthard R hard Rowd Howard Thursty Ca lile Cumb	Shire	Crook James Hapton Burnley Lancs	Shire
Coulthart Clement J Manor Farm West Hinton Scun bore Lincs	Shire	Crook John Chesham House Watney Lancs	Shire
Coulton Cecil J Acacia Store Harleston Tamworth Suffk	Shire	Crooks Fred Hayes Farm Morley Derby	Shire
Council, Edward A Baldeston Blackburn Lancs	Shire	Croome L	

Name and Address	Breed	Name and Address	Breed
Chapman Harry Orchard Putnam Taunton Somerset (p)	Shire	Clay W Buckland Aylsbury Bucks	Shire
Chapman John Thorpe Grange Little Osborn Yorks	Shire	Clay Wm Stubbington Farm Wingerworth Chester	Shire
Chapman S S Woodlands Stow Bucks	Shire	Clayfield Derbyshire	
Chapman T & Sons Pallathorpe Bolton Percy Yorks (pp)	Shire	Claydon M A Dunstall Green Ousden Suffolk	Suffolk
Chapman, T H, Ruttoft Alford Lincs (p)	Clydesdale	Claydon W & E The Laurels Brough on Kettering	Shire
Chapman Thomas Orchard Portman Taunton Somerset	Clydesdale		
Chapman Thos. Vale Cottage Shirecliffe Taunton	Shire		
Chappell Arthur E Church Green Bromsgrove Worcs (p)	Shire	Clayton J Crismon Brook Hall Tattenhall Chesh re (p)	Percertron
Chappell F & C The Chestnuts Forward Green Stow	Suffolk	Clayton Thos The Cedars Castle Bowness Warw (p)	Shire
market Suffolk		Cleasby James Hartley Fold, Kirkby Stephen Westmor (p)	Clydesdale
Charlesworth C Wades Green Church Minshill Middle	Shire	Cleasby Thomas Craggs Hall, Asby Appleby Westmor (p)	Clydesdale
sex Cheshire		Cleasby Will am Gaythorne Hall Appleby Westmor (p)	Clydesdale
Charlesworth E Hepworth Huddersfield Yorks	Shire	Clegg Benjamin Adlington Grange Goolse Yorks	Shire
Charlesworth S Leighton Crewe Cheshire	Shire	Clegg Edmund Castle Hill St Albans on Hill Derby	Hackney
Charlton Row B Queen's Leitch Hexham Northumb	Hackney	Clemenson B A Rawcliffe Manor Skelton North, York	Shire
Charnock T Southworth Hall nr Warrington Lanes	Hackney	Clemenson R W West Pinner Hall Halloway, Hump (p)	Clydesdale
Charon, Thomas W, 1 Cr. 1st Terrace Gosforth	Clydesdale	Cliif Stephen Western Flatts Wortley Leeds Yorks	Hackney
Chaston John North Dens Road 1st Great Yarmouth Norf	Hackney	Cliif James King's Promley Lichfield Staffs	Shire
Clacton, W 3 Queen Street Horwicks Lincs	Shire	Cliiford J T Ganton Farm Wreckley Kettering N'hants	Shire
Chadwick C O Charnelton Hall Pyrl el Northants	Shire	Cliif Frank P Lindsey Court Worcester Worcs	Shire
Cheek Andrew Rowborough Manor Garsbrooke I O W (p)	Shire	Cliif John Atherton House Stratford on Avon Warw	Shire
Cheney F A Thornton Northants	Shire	Cliif Brown Admiral J Standford Place Farmington	Shire
Cheney J C Fothergill Lodge Oxonide Northants	Shire	Berks (pp)	
Chesham Lord Laumer Chesham Bucks (p)	Shire	Climpson H J Stamford Bridge Farm Pluckley Kent (p)	Shire
Chester S H Buke Horn Farm Thorne Cambs	Shire	Clixby Herbert Blyton Gainsborough Lincs	Shire
Chevalier J B Aspath Hall Debenham S Holk (p)	Suffolk	Clothier W Lampy Exminster Somerset	Shire
Chevi Arthur Park Farm O Hirst Huntingdon	Shire	Cloach R Richmond Orford Suffolk (p)	Suffolk
Chev J W Wood Lea Hales Lane Butler Yorks	Hackney	Cloach Samuel Stretton Hall Kesteven Yorks	Clydesdale
Chewster Miss Rose C Arlio ton Cour Barnsley	Shireland Pony	Cloach Capt W Fildes Lodge Selby Yorks (p)	Shire
Devon		Cloves A A Longwalkton Loughborough Leics	Shire
Chick W J Stratton Dorchester Dorset (pp)	Shire	Cloves C W New House Swincoe Ashbourne, Derbysh	Shire
Chid R R The Bury Gt Munden Ware Herts	Shire	Cloves C W High Overton Court Cheshire	Shire
Child Norm Lushfield House Edinstown Newark Notts	Shire	Cloves Arnold C C H Wolsey Farm Hickley Leics	Shire
Childs Leonard Cows House Chatterton Cambs	Shire	Coar J Grimsby Hall Farm Grimsby Preston Lancs (p)	Shire
Childs Robert R Bedford el Chatterton Cambs	Shire	Coates Alfred Harold Bridge Wisbech Cambs	Shire
Chillingworth A F & Sqs Quenlains Farm Highworth	Shire	Cobb George A Woodside Garston, nr Watford Herts	Hackney
Wiltshire (pp)		Cobbett A H Acton Hall Sandbach Suffolk (pp)	Suffolk
CHIVERS & SONS LTD Histon Cambridge (pp)	Paceron*	Cobbold Capt J M Glenham Hall Wickham N H Suff (p)	Suffolk
Chobson High L Mendips Truro Cornwall	Shire	Cobbold P W Tattingstone Place Ipswich Suffolk	Suffolk
Cholmeley James A The Manor House Farm Ingham Pigot	Shire	Cobham L S Winslow Bucks	Shire
Norfolk (p)		Cock L College J m, Rossall Beach Fleetwood Lancs (p)	Shire
Christ E Mill & S R Clarendon Park S Lb nr Wilts	Suffolk	Cock J S Molyton Kagsdale Spaulding Lincs	Shire
Christie John M S Heaton 1st Stutton Chester Cheshire	Shire	Cockayne W G Cornwall Bude Cornwall Notts	Shire
Christie J M Limer Manor B r St Limer Suffolk	Shire	Cockburn Mrs S Lough Mill, Trobach Penryn Camb (p)	Clydesdale
Christie J A 1st St Barn Farm Horsham Sussex	Shire	Cockrill Alfred Abington Park Northampton	Shire
CHURCHILL, CAPT E B O S. Northwick Park Boreham	Suffolk	Cooling J T Quaker's Carth Hindwell S O, Ws (p)	Clydesdale
Worcs (p)		Coe Archie Trant King's Lynn Norfolk	Shire
Churchman S R Art Bt M P Abbey Oaks Sproughton	Shire	Cole J Gaulney Fm Desborough Mkt Harborough Leics	Hackney
Leics Cheshire (pp)		Colehafter F Chesham Fm Thetford Norfolk	Shire
Churchman S R W A The Lodge Melton Woodbridge	Suffolk	Colehouse A Hassell House Hassell, Sandbach Cheshire	Shire
Suffolk (p)		Colehouse H Roughwood Hill Fm Sandbach Cheshire	Shire
Churchton C H B Hoi well Manor St J es Hunts	Shire	Colecutt V Daxton Monmouth	Shire
Churchy John Abbs Hall Manor Reding Oxon Fk (p)	Shire	Cole C H White House Fm Uggeshall Wargford Suff	Suffolk
Cichan, John Wat 1st Lauron Rutland	Clydesdale	Cole Ernest Rye House Farm Dunton Green Kent	Shire
Clamp West End Fm Statham Melton Mowray	Shire	Cole E The Walk Lane Lutwath Norfolk	Hackney
Leics		Cole Fred Great Somerton C ppenham Wilt	Shire
Clegham, H C Newlands Appleton Wiske 3 allerton Yorks	Clydesdale	Cole J R Church Farm Benacre Wrentham Wargford	Suffolk
Cleppison H J Settleton Malton Yorks	Hackney	Suffolk	
Cleppison James Stw Farm Burnstwick Hull Yorks	Shire	Coleman Exors of G Holly Fm Valgreen Diss Norf	Suffolk
Cleppson L C New Lamb Othman Kesteven Yorks	Shire	Coleman G W Pantaborn Fm South Lopham D ss Norf	Suffolk
Cleppson Capt A H Molesworth Spaulding Lincs (p)	Shire	Coleman H W & D J Rough Farm Sawtry Peter	Shire
Clark A H Sutton House Peckham Northants	Shire	borough Northants	
Clark A W Heathfield Dean Row Wilmsham Cheshire	Shire	Coleman Capt J D Grange Farm Wood Walton Peter-	Shire
Clark Edward The Manor Wincobred Hull Yorks	Hackney	borough, Northants	
Clark Jas Star Farm Avington, Stroud Glos	Shire	Coleman Robert E Grove Lodge Saltern Waltham Essex (p)	Shire
Clark John J Copthorn Farm Garsington Lanes	Shire	Coleman Wm A, Sperton Brington Yorks (p)	Shire
Clark Matthew A Anchorate Terrace De Ham	Shire	Coles Ernest W Manor Farm Emborough Bath Som	Shire
Clark Oliver S Harold House Waltham Cross Herts	Hackney	Coles H F Sutton Peterborough Northants	Shire
Clark T J Ripps House Walsby St Mary Wisbech	Shire	Coles Oscar Great Ten Enstone Oxon	Shire
Cambridge (p)		Coley A W Widdington Ashwell Cambs	Shire
Clark W Camwood Hill Gosherton Spauldng Lincs	Shire	Coley John B Congreve House Pensknedge Staffs	Shire
Clark W H Inglewiche Goughnagh Preston Lanes	Shire	Coleford F de B M aster Abney, Ramsgate Kent (p)	Hackney
Clark William Raams Farm Amerham Bucks	Shire	Colfen Arthur Hackney Stud Fm, Saffron Walden Essex	Clydesdale
Clarke C C Southfield Lodge Hiltrooke Lppingham	Shire	Colley, G R Tunstall Hills East Farm Ryhope Sunderland	Shire
Clarke Daniel Fm eld Haddon Blackpool Lanes (p)	Shire	Collier John T Sretton Baskerville Huncley Leics	Shire
Clarke Ernest Austrey Atherstone Warwickshire	Shire	Collier Henry Spackwick Farm Uplyme Devon (p)	Shire
Clarke F Portley House Chatterton Cambridg	Shire	Colingbourne J T Gwyn Fm Caerwent Nr Chepstow Mon	Shire
Clarke H J Brook House Haywards Heath Sussex	Hackney	Colingham Rbt J m, Loughwill Mill Mansfield Notts	Shire
Clarke H J The Oaks Kirby Muxloe Leicester	Shire	Colins D Monckton House	Shire
Clarke H J Arnold 1st Lane Stapleford Tamworth	Shire	Colins H H Abbotwood Brockworth Clos	Shire
Leics		Colins S S, Donington, Spaldng Lincs	Shire
Clarke Jack Vaxler Peterborough Northants	Shire	Colins W Jr Brook C H Chapel en Je-Feith Derby	Hackney
Clarke John Warburton Hall West Harwood Durham	Clydesdale	Colman Russell J Crown Point, Borech Norfolk (p)	Hackney
Lanes (p)		Colman T Barwell Bredgham Manor Norfolk	Hackney
Clarke Thos W H Dennis & House Elr Cambridge	Shire	Colson A White House Katesden Bury St Edmunds	Hackney
Clarke Wm W T Conby House Leicestershire	Shire	Suffolk	
Clarke Henry Southerton Buryham Cam	Shire	Colton T E B South Scarle Hall Newark Notts	Shire
Clarke John L Long Garsington Lanes	Shire	Colton Fox J S Witley Totton Walsby Sheffield Yks	Shire
Clarke Leonard H Great Lodge Welwyn Yorks	Hackney	Conde Robert Pierrepont Larnham Surrey	Thoroughbred
Clarke Thos H Irons-Sands Campham Lanes	Shire	Conington Stud The Sandley Clingham, Dorset	Shire
Clarke Wm Wharton 1st Oakley Weymouth Dorset	Hackney	Connell J W Sherill Hall Heston Hull Yorks	Shire
Clarke Wm 1st Clay Cross Hall Clay Cross Chesterfield	Shire	Conner W W North Barton, Warrington Yorks	Shire
Derbyshire		Conk C Chirk Farm Norton S Bourne North Ch Norf	Suffolk
		Conk C Station Farm Ditchingham, Norfolk	Suffolk
		Cook C W Keabry, Leicestershire Leics	Shire
		Cook John Northby Lodge Totton Selby, Yorks	Shire
		Cook R Aserton House Berwick St James, Salisbury	Shire
		Wiltshire (p)	

Name and Address	Breed	Name and Address	Breed
Cook Robert, Whitnace, Tiverton Devon	Shire	Cowan James, Mill Hill Longwenton, Darlington Co Durham	Clydesdale
Cook, T., Hobland House Bradwell, Gt. Yarmouth, Norfolk	Percheron	Cowall, Laiby, Clifton Castle, Bideley, Yorks	Percheron
Cook, Wilson, Annfield Farm, Cockerham, Cumb	Clydesdale	Cowell, Chas., Higher Alstone, Ribchester, Preston Lancs	Shire
Cooke, A. H., Stanton Ho., West Marton, Skipton in Craven, Yorks	Hackney	Cowell, Henry, Calveys Hill Leobury, Herefordshire	Shire
Cooke, Allen, Whiteley Green, Adlington, Macclesfield, Cheshire	Shire	Cowell, John, Burnley Hall Thornton Le Hyde Lancs	C
Cooke, J. H., Hall Farm, Gt. Houghton, Barnley Yks	Shire	Cowell W. C. & Son Verney Junction Winslow Bucks	Shire
Cooke, J. & J. Ward 1, The Close, Burylawade, Beds	Shire	Cowgill, Tom, Malus Cross Hills Highley Yorks	Shire
Cooke, J. H., Town End Manor, Spalding, Lincs	Hackney	Cowles, R. T., St. Dualls, Newcastle, N. M. Monmouth	(c)
Cooke, H. B., Gredney Hill, Wisbech, Cambs	Shire	Cowper Colver, S. H., Lower Hildes, Ringwood Hants	Shire
Cooke, H. J., Ryland Hall, Crowland, Peterboro', N. Hants	Shire	Cox J. Hine, Stone Farm Kirby Muxton, Leicester	Shire
Cooke, J. L., Addington, Kettering, Northants	Shire	Cox J. & Sons Court Leys, Brandon Grantham, Lincs	(c)
Cooke, F. W., Warf, Doncaster, Yorks	Shire	Cox, John Thomas, Panton House Wragley, Lincs	(c)
Cooke, W. J., Bank House, Wyaloke St. Peter, Wisbech Cambs	Shire	Cox, Ralph, House Farm North Cadbury, Somerset	(c)
Cooke, W. J., The Cottage, Rathingshope, Potesbury, Salop	Welsh Pony	Cox, Walter, Wreake House, Thrusington Leicester	Shire
Cooper, A. H., New Buildings Admaston, Rugeley, Staffs	Shire	Cox, W. Walter, 1, Belmont Park, Chesham, Bucks	Shire
Cooper Bros. Whaploode Drive, Wisbech Cambs	Shire	Cox Wm. H., Benham Lodge, Quanton Aylesbury, Bucks	Shire
Cooper L., Field Mill Farm, Litchester, Staffs	Shire	Cox Wilson & Sons, Gt. Hatch Ashford Bakewell Derby	Shire
COOPER, SIR G. A., Bt., Hurley Park, Winchester, Hants	Shire	Coxon C. L., Milton, Pembrey, Llanmorris Hereford (c)	Shire
Cooper, Gordon, Caldecote, Baldock Herts	Shire	Coxon T. P., Seelston Ashbourne Derbyshire	Shire
Cooper, Geo., Church Elm, Cratfield Halesworth, Suff	Shire	Coxon, G. H., The White House Little Plumstead	Percheron
Cooper, J. L., Wilton Stoke-on-Trent, Staffs	Shire	Crabtree A. C., Ladbroke Southam Rugby	Cleveland Bay
Cooper, R. W. J., Swannington, Norwich Norfolk	Shire	Crabtree G. Greystone Manor Burley-in-Wharfedale	Hackney
Cooper, Robert L., Hollybush, Ashby, Leicestershire	Clydesdale	Cracknell Walter, Wickham Market Suffolk	(c)
Cooper, Roger, Higham Wood & Iron Works, Preston, Lancs	Shire	Crafer, Henry, James House, Walsingham, Norfolk	Suffolk
Cope, T., Alden House, Budby Ollerton, Newark Notts	Shire	Craft, J. A., M.C.S. 5, Billingshurst, Sussex	(c)
Cooper Horshall, Capt W. H., Westthorpe, Great Smeton Northampton Yorks	Clydesdale	Craig A. L., Trin Mile Park, Downham Market, Norfolk	Shire
Co-operative Wholesale Society, Cherhill, Calne, Wilts (c)	Shire	Craig Wm., Totterbank, Lerrond, Liversham, Lancashire	Shire
Co-operative Wholesale Society, Percival House Walsby, Cambs	Shire	Craig H. R., Welham Lodge, Market Harborough, Leics	Shire
Cope, D., Sowdley Park, Chesham, West Drayton, Salop	Shire	Craig, J., The Model Farm Wolves Newton, N. Cheshire	Clydesdale
Cope, F. W., Goldstone Stud Farm, Chesham, Market Drayton, Salop	Shire	Craig, J., Gosses Farm, Birch Grove, E. Grinstead, Sx	(c)
Copeman, H., Blyburgate, Berles, Suffolk	Hackney	Craig, James, Elston-on-the-Hill, Leicester	Shire
Copple, G. B., A. H. Farm, Blyth Rotherham, Yorks	Hackney	Craig Wm. Dunlop, High Blindecake Cockerham, Camb	Clydesdale
Copple, John C., Upper Broughdon, Milton Mowbray, Lincs	Shire	Craig Wm., The Countess of Great Glemham, Suffolk	(c)
Copple, J. W., Deacons Hill, Elstree, Herts	Suffolk	Craig, Wm., Sandham, Suffolk	(c)
Coppen, George, Whalebone Farm N. R. Romford, Essex (c)	Suffolk	Cranfield, W. W., Park Farm Buckden Hunts	Shire
Cornbridge, H., Brandon Wood Coventry, Warw	Shire	Cranmer, E., Eastcotes, Gt. Tey, Havendon Essex	Suffolk
Cornbridge, J. B., Barmesley, Rushdon, Macclesfield Cheshire	Shire	Cranwick, Jos. The Howe Hunmanby, Yorks	Shire
Corden, Wm., Thorne St. Peter, Wainfleet, Lincs	Shire	Cranworth, Rt. Hon. Lord Grosvenor, Gt. Hall, Woodbridge, Suffolk	(c)
Cordle, Herbert J., Chantry Farm, Orford Suffolk	Shire	Crapper, L. & A., Dronfield, Sheffield Yorks	Shire
Cordle, Stanley, Hill Farm, Chelmsford Ipswich Suff	Suffolk	Craven L., Anostrop, Leeds Yorks	Shire
Cordle, Capt. Reginald, The Jordan, Rye, Sussex (c)	Clydesdale	Craw J. H. West Foulden, Berwick-on-Tweed Northumb	Clydesdale
Cordle, J. C., Hard Road, Cockerham, Garstang Lancs	Shire	Crawford Mrs. Lowbury, Leicester	Shire
Cornall Thomas, Broughton Hall, Nr. Preston Lancs	Shire	Crawford, A. H., Hunsford, Leicestershire	Shire
Cornell, W., Rookery Farm, Cockfield, Bury St. Edmunds Suffolk	Suffolk	Crawford, Daniel, Stifford City, Grays, Essex	Shire
Cornelius, R., Southridge Manor, Cromborough Sx	Shire	Crawford Lady Gertrude, Coxhill Lymington, Hants	(c)
Cornforth, E., Rigton Farm, East Heswick, Leeds Yorks	Shire	Crawford, James, Potterville Farm North Nunnus Hatfield	Shire
Corniole, Gustave E., Hillmington Place Lixdale Mdx	Hackney	Crawford, Robert, Lowbury, Leicester, Leics	Shire
Cornthwaite T. Iselrick Hall, Wigton, Cumberland	Clydesdale	Crawford T., Gore House Upchurch, Kent	Shire
Cornwallis, Col. F. S. W., Linton Fk. Maudstone Kent (c)	Shire	Crawford Thos. Sutton's Farm Homechurch Essex	Shire
Cory, Sir Clifford J., Bt., Llanarthm Abbey, Mon. (c)	Hackney	Crawford W., Highfield Fm. Freeby Malton Mowbray, Leics	Shire
Cory, H. B., The Dene, Totton, Nr. Southampton Hants	Shire	Crawford Wm. Nunton Fields Nunton Warwick	Clydesdale
Cory, William, Fullerton Manor Andover, Hants (c)	Shire	Crawford Wm. Oakleigh Higham Kent	Shire
Cossey, John Weston Longville, Norwich Norfolk	Suffolk	Crawshaw G. T. Scarsdale Chesterfield Derbyshire	Shire
Cottam, Thomas, Gowers Farm, St. Laurence, Bungay, Suffolk	Suffolk	Crayston G. R., Old Hall Farm Helyham Lancs	Shire
Cottrell R. L., Ruscombe Twyford Berks	Shire	Craze R. P., Thurlston Hall, Bury Woodbridge, Suff	Suffolk
Cottis & Sons West Street Rochford Essex	Shire	Cree R. W., Walton Friary Hall Somerset	Shire
Cotton, A., Painsford Court Hereford	Shire	Cree The Marquis of Crew Hall Crew Cheshire	(c)
Cotton, Henry, Billency, Essex	Hackney	Crisp Arnold R. Pipping Park Lodge Nr. Newmarket, Suffolk	(c)
Cotton, Jesse, Weston-on-Hill, Derby	Shire	Crisp G. H., Rosedale Tyn Langton Leicester	(c)
Cotton, John, Chellaston, Leic	Shire	Critchlow A., Fulford Hall Blythe Bridge Stoke-on-Trent, Staffs	Shire
Cotton, W. S., Walnut Tree Farm Chelmsford Ipswich, Suffolk	Shire	Croasdale, T. H. Haverthwaite Uverston, Lancs	Shire
Cotton House, Miss, Walkern Hall, Stevenage Herts	Shire	Crockett Kenneth A., Aldham Hall Hadleigh, Suffolk	Suffolk
Cottrell S., Home Farm, Lepton, Market Drayton, Salop	Shire	Croft, James, The Elms, Warr, Lancs	Shire
Coulman, W. H., The Lifford Lincs	Shire	Crofts J. H. Wolsey House, Huncley, Leics	Shire
Coulson, J. A. High Dalby, Pickering Yorks	Shire	Crofts J. W., Kilsby Grange Rugby Warwickshire	Shire
Coulson, John A., Watton Abbey, Hull Yorks	Hackney	Crofts R. C., Dornington Stratford-on-Avon, Warwicks	Shire
Coulthard, George, Brunco Hall Castle Cumberland	Clydesdale	Crofts, W. T., Stratford-on-Avon, Rugby Warwickshire	Shire
Coulthard, Geo. Chalkdale, Rosley Thursty Carlisle Cumb	Clydesdale	Crompton, R., Hedgecroft, Walton-on-the-Hill, Epsom Surrey	Hackney
Coulthard, Richard Howard Thursty, Carlisle Cumb	Shire	Crompton Roberts C. M. Drybridge Monmouth	Shire
Coulthurs Clement J., Manor Farm West Hinton Southwicks, Lincs	Shire	Crook, Arthur C. & Sons Padbury, Bucks	Shire
Coulthurs Cecil F., Acacia Store, Harleston Tamworth Staffs	Shire	Crook, James, Hapton Burnley, Lancs	Shire
Council Edward A., Balderstone Blackburn Lancs	Shire	Crook John A., Chesham House, Kirkham, Lancs	Shire
Court & Sons, 1, Ld. Bouchers Hall Tollerhurst D. Arey, W. Hants	Percheron	Crooks Feed Hayes Farm Morley Derby	Shire
Courtney May J. S. M. P., Burton Park Northwich Sx	Suffolk	Croome, L. C., Greenhouse Court, Painswick Glos	Hackney
Courthold, Dr. R. M., Crepping Hall, Wakeside, Essex	Shire	Croome, L. C., Kirkbythorpe L. 1st, Cumberland	Clydesdale
Courthold, Col. Sir R. C., Bt., M.C., P. W. Whilsh Sx	Shire	Crook Walter, Lord Tansill Lancaster Yorks	(c)
Couston, A. C. & T., Sydney Farm, Gushorne, Wiltshire	Suffolk	Cross, Alfred, High Common Farm Barnham, Beccles Suff	Shire
Cousins, Harold Valley Fm., Coddham Ipswich Suff	Shire	Cross H. E. Manor Farm Arminghall Norwich Norfolk (c)	Suffolk
Cove, F. E. Gaskills Farm Weston, Cirencester Glos	Shire	Cross Herbert, Scarborough Leicester	Shire
Coventry, The Earl of, Croome Cl., Severn Stoke, Worcs	Clydesdale	Cross J. C., Manor House, Leppa Gt. Yarmouth Norfolk (c)	Shire
Cowan, Douglas, E. L. Dunnington House, Dalton, Newcastle-on-Tyne, Northumberland	Shire	Cross James Leslie, Catharine Towers, Rugby, Warw (c)	Shire
		Cross Samuel, New Barns Lly. Cambridge	(c)
		Cross Stanley W., Ipswich, Bury St. Edmunds, Suffolk	Suffolk
		Cross, T. H., New Farm Helmsdon, Suffolk	Suffolk
		Cross, W. H., Abbey Farm, Ipswich, Bury St. Edmunds Suffolk	Suffolk
		Crossley, Bros. Sterling Mill Valley Rd., Shipley, Yorks	Hackney
		Crossley, Bros. J. B., Coldfoot Hall, Irlton Gt. Yarmouth, Norfolk	Suffolk

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Name and Address	Breed	Name and Address	Breed
Ellis, H., Gushingham Eye Suffolk	Suffolk	Farmer G. Tenotte Abbey, Hatfield Leominster Hereford (as)	Shire
Ellis, Joseph, The Green, Whitwell, Mansfield, Notts	Shire	Farrmorth, J. W., Ryecroft, Dore, Sheffield, Yorks	Shire
Ellis, Nollie, Gushingham, Dewsbury, Yorks	Hackney	Farrow, E. S., Upper Langthorpe, Mansfield, Notts	Shire
Ellis, W. A., St. William, Newmarket Suffolk	Shire	Farr, R. W. & E. Lawton Hall, Leominster, Herefordshire	Shire
Ellison, Wm., Eden Hall, Horden Co. Durham	Clydesdale	Farrow, A. E., Whiplode Drove Wisbech, Cambs	Shire
Ellwood George Underwood, Newbiggin Carlisle Cumb	Clydesdale	Farrow, E. S., Eldo House, Bury St Edmunds, Suffolk (st)	Suffolk
Ellwood Roberts Hill Farm, Cressby, Warrington Cumb	Clydesdale	Farrow, Ernest W., Spalding Lincs	Shire
Enghen, W. C., Carewside Farm, Rowlands Gill Co. Durham	Clydesdale	Farrow, J. T., Haslem, Newark Notts	Shire
Enghen, J. H., Warton Boston Yorks	Shire	Farrow, L. R., Ravensingham, Norwich, Norfolk (st)	Suffolk
Engler, Samuel Headley Hall Tadcaster, Yorks	Shire	Fauld Phillips, Sir Lionel, Bl. Balls Park, Hereford (cp)	Shire
Elvin, Thomas W. N., The Kennels East Dereham Norfolk	Hackney	Faulder Joseph Aikbank, Calthwaite Carlisle Cumberland	Clydesdale
Elworthy, Chas., Upwell Westac Cambs	Shire	Faulkner, W. H., Church Farm, Wotton Underwood	Shire
Emberlin T. E., Smerceton, Barnbury, Oxon	Shire	Faulkner, W. M., Gorstage Hall Farm, Sandiway, Northwich, Cheshire	Shire
Emblin, Amos, The Mill, Gilews, Wisbech, Cambs	Shire	Fawcett T. Manor House, Somerford Keynes, Cricklade Wilts	Percheron
Embrey, A. J. Heath Farm Nesscliffe, Salop	Shire	Fawcett, T. & Sons, Cowan Bridge, Kirkby Lonsdale, Westmorland	Shire
Embre, G. J., Lenton Stoke-on Trent Staffs	Percheron	Fawkes, May H. F., Farnley Hall Otley, Yorks (c)	Shire
Emmison, R. B., Scotterwood, Gainsborough Lincs	Shire	Fearon, Isaac, Ullack Mans, Cockermouth, Cumberland	Clydesdale
Emmison, W. G., Northorpe Gainsborough Lincs	Shire	Feetham, J. C., Coombe Grove Arrington, Royston Cambs	Hackney
Emmerton, Robert H. Hersden Hall, Castle Eden Co. Durham	Clydesdale	Fegan, Thomas V. & Mrs. Sparchord, Cullington, Nr. Ludlow Salop	Shire
Emmett, Mrs. R., Moreton Paddox Moreton Morrell Warw	Percheron	Fell Jas. W., The Holme Farm, Darlington Co. Durham	Clydesdale
Emson F. Wiggins Farm, Helions Bumpstead Haverhill Essex	Shire	Fellington, George Rookery Farm, Haughey, Suffolk	Suffolk
Enson, W. C. Streetball Hall Saffron Walden Essex (cp)	Shire	Fenn George, West End Farm Wrentham W Dorset	Suffolk
Ensign, R. J., Ashby-de-la-Zouch, Leicestershire	Shire	Fenwick, E. Guy, North Luffenham Hall Stamford, Lincs (c)	Percheron
English, J. W., River House Ashby Spilsby, Lincs	Shire	Fenwick, Gabriel F., The Verons, Ledbury, Hereford (st)	Clydesdale
English, Owen Water, ngbury Kent	Shire	Fenwick, Joseph, Camerton, Wottonkent Cumberland	Shire
English Thos. The Mile Peckington Yorks	Shire	Fenwick, Joseph, Camerton, Wottonkent Cumberland	Clydesdale
Esrick Agricultural Soc etc. Lascote York	Yorks Coach	Fenwick, Keld, Witham Hall, Bourne, Lincs	Clydesdale
Estlin, John Rostene Grange Wastley, Matlock Derby	Shire	Fenwick, R. L., Little Belvoir Melton Mowbray Leics	Percheron
Estlin, J. The Haywood Farm Ashbourne Derbyshire	Suffolk	Fenwick, Robert, Lesson Hall, Wigton, Cumberland (st)	Clydesdale
Etheridge O. S. Ivy House Farm Laxfield 1 ramingham Suffolk	Shire	Ferguson, F., Lamport, Northampton	Clydesdale
Etherton, Thomas Hugh Dale Weaverthorpe, Malton Yorks	Shire	Ferguson, Hugh, Clint Head field 3 Hook Cumberland	Shire
Eustice, G. H. Burrall Gwnear Haxle Cornwall (cp)	Shire	Ferguson, J., Wickhurst Farm, Lambhurst Kent	Hackney
Evans Allar Nantygollen Oswestry Salop (c)	Welsh Pony	Ferguson, N. G., The Rectory Northchurch, Beckenhamstead Herts	Hackney
Evans, D. T. Rose Farm Nantygollen Tredegar Mon	Shire	Ferguson W., Manor Farm, Tytherington, Nr. Macclesfield Cheshire	Shire
Evans, David Cefnglwndach Llanharall Y M Oswestry Salop	Shire	Fernyough, John, Lawns Groomston, Hereford	Hackney
Evans, Evan Poynton Manor Wellington Shropshire	Shire	Ferne, Walter Kerr Stanacres Thornton Hough, Cheshire	Shire
Evans, I., Albrighton Shrewsbury Salop	Shire	Fernyough, C., Longdon, Rugby, Warwickshire	Shire
Evans Geo. Lengcotto Allerton Derbyshire	Shire	Feris, Edward Broad Town Wootton Bassett, Wilts	Shire
Evans, John Lower Mitton Farm Penkridge Staffs	Shire	Fewkes Chas., Sutton, Pulborough, Sussex	Cleveland Bay
Evans John A. Pencombe Worcester Worcs	Shire	Field, J. B., Hill View Hall Farm, Corley Moor, Coventry, Warwickshire	Shire
Evans, J. J. Parkfields Farm Titmorton Stoke on Trent Staffs (c)	Hackney	Field, John Farlawn Bintree East Dereham, Norfolk	Hackney
Evans, Richard P. Woodhatch House Reigate Surrey (c)	Shire	Fielden J. Inchtullich House Walsden Nr Todmorden Lancs	Shire
Evans Tom Jones Lower Dimchope Craven Arms, Salop (c)	Shire	Fielding, J. H., Sandford, Maxwell Road Northwood, Middlesex	Shire
Evans W. J., Naptton Rugby Warwickshire	Shire	Fielding J. W., Elton Lodge Clowne, Cheshire (st)	Shire
Eve R. Stanley, Durham Hall, Wetherby West Yorks	Shire	Fife James West Valdhall, Kemsing Kent	Shire
Eve Wm. Haugh Manor Alford Lincs	Clydesdale	Finch, A. J. K., Winton Old Hall North Walsham, Norf (c)	Clydesdale
EVENS, JOHN & SON, Burton, Lincoln (cpst)	Shire	Finnlay, Alex., Cardington Bedford	Hackney
Everall Richard Hanwood Shrewsbury Salop	Suffolk	Finnley, Thomas Allington House Harpersley Co. Durham	Shire
Everard, B. N. Barden Hall Leicestershire	Shire	Finlinton B. C., Dundreath, Bryerning Ingatstone Ex (cp)	Shire
Everett, Anthony, North Crake, Fakenham Norfolk	Suffolk	Finnkin, James, Pettills Farm Oneote Leic Staffs	Shire
Everett & Co. Deben Lodge Fakenham Ipswich Suffolk	Suffolk	Firks G. B., The Old House, Huddersfield Yorks (c)	Shire
Everitt Maj. Norman Rushmore Ipswich Suffolk (cpst)	Suffolk	Firth Fred Kings M. Lane Huddersfield, Yorks (c)	Shire
Everington W., Newton by Castle Acre Swaffham, Norf (st)	Suffolk	Firth J. W., Plumtree Farm Rawcliffe Bridge, Goole, Yks	Shire
Everson, P. T. Elm Farm Farnborough Norfolk	Shire	Firth, J. X. James Stainton Woodhouse Rothamford Yorks	Welsh Pony
Everson, S. & J. Tensell Farm Landisford, Wilt, Cornwall (c)	Shire	Fish, Arthur R., Holme Head, Hutton, Nr. Preston Lancs (cpst)	Shire
Evson Wm. Holmer Farm Sturley Shifnal Salop (c)	Shire	Fisher, Robert, Scotton Gainsborough Lincs	Hackney
Ewart J. Graham, Dunsmore Stud Farm Rugby, Warw	Shire	Fisher, Lord Kellverstone Hall, Thetford, Norfolk (st)	Shire
Ewart, Thomas, Dunsmore Home Farm Rugby, Warw	Shire	Fisher, A. G., Town End Manor, Cambridge	Shire
Ewe John F. Ewerdon Hall Warrington, Suffolk	Shire	Fisher, C. B., Clapstone House, Market Harborough Leics (c)	Clydesdale
Erra Alfred Foxwarren Park Cobham Surrey	Shire	Fisher, D. A. M. T., Welby Warren Grantham, Lincs (c)	Shire
Erra, L. Lock, Ixtard Green Sussex (cpst)	Percheron	Fisher, J. Marion Trussell Market Harborough Leics	Clydesdale
	Shire	Fisher R. Croft House Farm, Paeston Nr. Cockerham, Cumberland	Suffolk
		Fisher R. J., Oak Hills Metfield Harleston, Norfolk	Shire
		Fisher, Wm. K. Kibby Groves, East Kirby, Notts	Suffolk
		Fiske G. W., Claydon Ipswich, Suffolk	Suffolk
		Fiske, Harry Bramford Ipswich, Suffolk	Suffolk
		Fison, F. C. G. Crepping Hall, Sutton Ipswich, Suffolk	Suffolk
		Fison, J. R. G., Crepping Hall, Sutton Ipswich, Suffolk (st)	Shire
		Fison, S. C. Park Farm, Quoy, Carmarthen	Shire

Name and Address	Breed	Name and Address	Breed
Geater, J. T., The Rookery Farm, Carlton, Saxmundham	Suffolk	Goldsmid, O. E. D. Avigdor, Somershill, Tonbridge, Kent	Shire
Gee, A. & E., Thorney Peterborough, Northants	Shire	Goldthorpe, H. A. No thepe, Witley, Surrey, Yorks	Shire
Gee, J. W., Little House Farm, Thorney, Peterborough, Northants	Shire	Goleby, A., Newton's Farm, Brundish, Framlingham, Suffolk	Suffolk
Gee, Thomas, W. delands Thorney Peterborough N hants	Shire	Golland, T. J., Barton Lodge, Barton-on-Humber, Lincs	Shire
Geer, Walter E., Willoughby, Watcress, Leicesters	Shire	Gollidge, S. W., Highbridge, Ditchet, Evercreech, Som. (p)	Shire
Geer, Wm., Nutgrove, Thorney Peterborough, Northants	Shire	Gollidge, T. H., Wrazall, Shepton Mallett, Somerset	Shire
Geismil, J., Wood Farm, Ongar, Essex	Shire	Gooch, Sir Thos., Bt., Beauchamp Hall, Wrexham, Suff. (sp)	Suffolk
Geismil, John, Bidden, Ongar, Essex	Shire	Goodall, E. J., Stretton, Burton on Trent, Staffs	Shire
George, D., Chapel Farm, Gt Ashfield, Bury St Edmunds	Suffolk	Goodall, J. H., Repton, Derby	Shire
George, John W., Wetherden Hall, Stowmarket, Suffolk	Suffolk	Goodall, T. H., Warren Farm, Stretton Burton on Trent, Staffs	Shire
George, W., Hyard, Sarnesfield, Woburn, Herefordshire	Shire	Goodchild, C., Knight's Hill, Cockfield, Bury St Edmunds	Suffolk
Gibson, Mrs. The Manse House, Little Stretton, Sulop	Welsh Pony	Goodchild, G. A., Great Yeldham Hall, Castle Hedingham, Essex	Suffolk
Gibson, R. L., Hill Top Farm, Ashton by Budworth, Northwich, Ches	Shire	Goodchild, T. W., The Change, Great Yeldham, Essex	Suffolk
Gibson, W., Holston House, Stockton-on-Tees, Co Durham	Hackney	Goodchild, W. D., East Horndon Hall, Brentwood, Essex	Suffolk
Gibbons, H. B., Red House Farm, Elvetham, Nr Ipswich	Suffolk	Goode, Herbert, Cottered, Buntingford, Herts	Shire
Gibbs, G. M., Cratcliffe, Hall, Flax Bourton, Somerset	Percheron	Goodenough, A., Black Bush, Whitelsea, Cambs	Shire
Gibbs, W., Broad Hill, Kirk Langley, Derby	Shire	Gooder, F. W., Walkersham, Gainsborough, Lincs	Shire
Gibson, Andrew, Woodside, Carlisle, Cumb	Clydesdale	Gooder, T., Old Hall, Lea, Preston, Lancs	Shire
Gibson, H. A., Flaxstead Farm, Derby, Derby	Shire	Gooderham, A. C., The Chestnuts, Monowden, Framlingham, Suffolk	Percheron
Gibson, Mrs F. L., Catterick, Yorks	Hackney	Gooderham, A. G., Red House, Ringshall, Stowmarket, Suffolk	Suffolk
Gibson, C., Lopham Hall, Chester, Leicesters	Clydesdale	Gooderham, Bros., Monowden, Framlingham, Suffolk	Percheron
Gibson, C., Lopham Hall, Chester, Leicesters	Thoroughbred	Gooderham, F. J., Red House Farm, Gillingham, Suffolk	Suffolk
Gibson, J., J. Shaw Wood, Ashbourne, Derbyshire	Shire	Goodman, T., Watkinson, Didcot, Suffolk	Shire
Gibson, John I., Home Farm, East Hamstead Park, Wokingham, Berks	Clydesdale	Goodman, C. F., Carvedo, Lazenby, Cornwall	Shire
Gibson, Joseph S., Thornton Tower, Fourstones, Northumb	Clydesdale	Goodman, Wm., Homelands, Launceston, Cornwall	Shire
Gibson, J., Thornton, Fourstones, Northumb	Shire	Goodman, T. W., Ivy House, Luncaster, Boston, Lincs	Shire
Gilbert, F. W., The Manor, Colkington, Derby	Shire	Goodson, Sir A. L., Bt., Waddeton Court, Braxham, Devon	Hackney
Gilbey, Tresham, Whitehall, Bishop's Cleeve, Herts	Hackney	Goodson, E. S., Upton Farm, Broadstairs, Kent	Shire
Gilbey, Sir Walter, The Lodge, Epsom, Essex	Hackney	Goodson, H. L., Park House Farm, Friston, Saxmundham, Suffolk	Shire
Giles, Henry, Rockfield, (at ease) Liverpool, Lancs	Shire	Goodwin, C. F., Burghill, Hereford	Shire
Giles, J. C., Alcehay, Burton on Trent, Staffs	Shire	Goodwin, C. H., Davenport Arms, Marton, Chelford, Ches	Shire
Giles, Edward, Sladburns Farm, Great Clacton, Essex	Shire	Goodwin, C. W. L., Street Farm, Whitby, Ipswich, Suffolk	Suffolk
Giles, E., Edge Blackwood Farm, Selby, Yorks	Shire	Goodwin, Frank, Carr House, Sandon, Stafford	Shire
Giles, John W., Buxbush, Selby, Yorks	Shire	Goodwin, G., Chalote, Shire, Burton on Trent, Staffs	Shire
Gill, F., Morton, Bourne, Lincs	Shire	Goodwin, Isaac, Wingfield Abbey, Watlington, Norfolk	Suffolk
Gill, Edric, Cumberworth, Huddersfield, Yorks	Shire	Goodwin, J. G., Fishall, Tonbridge, Kent	Percheron
Gill, Lewis, G. House Farm, Greasby, Rotherham, Yks	Shire	Goodwin, James T., Sandlow Green, Holmes Chapel, Ches	Shire
Gillard, F. S., Dunsboro, Rotherford, Devon	Shire	Goodwin, John, Bishoptoke, Southwell, Notts	Shire
Gillitt, Edward, Snape, Croft, Saxmundham, Suffolk	Suffolk	Goodwin, S., Livington Court, Leominster, Herefordshire	Shire
Gillitt, W. H., Walpole Hatch, Halesworth, Suffolk	Suffolk	Goodwin, T. H., Lower Stanage, Brampton, Barn, Hants	Welsh Pony
Gillitt, H. B., Hall Farm, Norton, Bury St Edmunds, Suffolk	Suffolk	Goodwin, Thomas C., Leighton Grange, Crewe, Cheshire	Shire
Gillitt, A. W., Mediam House, Larrington, Boston, Lincs	Shire	Goodwin, William, Paul's Farm, Leigh, Tonbridge, Kent	Shire
Gillman, H. J., New House Farm, Broughton, Gifford, Melksham, Wilts	Shire	Goose, G. H., Whapode, Drove, Wisbech, Cambs	Shire
Gilman, C., Stratford, Tamworth, Staffs	Shire	Goose, J. J., Amber Hill, Boston, Lincs	Suffolk
Gilman, F. H., Pickworth, Stamford, Lincs	Shire	Goose, J. J., White House Farm, Ringfield, Beccles, Suff	Suffolk
Gittus, Frederick, West R. W., Middlehall, Ely, Cambs	Hackney	Gordon, Sir M., Clarendon, Bury St Edmunds, Suffolk	Suffolk
Gittus, Geo E., Cannon Hall, Woodditch, Newmarket, Suff	Percheron	Goringe, E. F., Foxcote, Seaford, Sussex	Shire
Gittus, Geo E., Cannon Hall, Woodditch, Newmarket, Suff	Hackney	Gorst, John B., Burscough, Ormskirk, Lancs	Shire
Glabone, William J., Shilbottle, Town Foot, Alnham, Northumberland	Clydesdale	Goschen, Sir W. H. N., Bt., Durrington House, Harlow, Essex	Shire
Claver, I., Winterton, Southwore, Lincs	Shire	Gosford, J. R., Lowcotton, Stamford Bridge, York	Shire
Claver, P. W., New Lease Farm, Chippingham, Wilts	Shire	Gothard, G., Myrtle Street, Huddersfield, Yorks	Hackney
Claydon, Richard, Cliff High Common, Selby, Yorks	Hackney	Gothard, G., Maylands Farm, Romford, Essex	Shire
Clegh, John, Much Hatch, Threep, Chertsey, Surrey	Shire	Gothard, W. H., Somersham, St Ives, Hunts	Shire
Clegh, John, Much Hatch, Threep, Chertsey, Surrey	Clydesdale	Gough, D. W. P., Pakenham Manor, Bury St Edmunds, Suffolk	Suffolk
Clew, Richard, Trent Side House, Althorpe, Southwore, Lincs	Shire	Gough, E. W., Duocent, Kildermunster, Wexs	Shire
Clew, C. H. & Sons, Hawthorn Hill, Sta, Staveley, Derby	Shire	Goubeur, T., Lower Bentley, Bromsgrove, Wexs	Shire
Clew, C. H. & B., Scotney Farm, Winterton, S. un	Shire	Gould, G., Sandybrook, Ashbourne, Derbyshire	Shire
Clover & Sons, Napfold, Rugby, Warwickshire	Shire	Gould, J., Mooton Farm, Tinsanton, Ashbourne, Derby	Shire
Clover, W. E., The Shrubberies, Snaresstone, Atherstone, Warw	Shire	Gould, J. M., Mooton, Croydon, Surrey	Shire
Cocher, Geo., Church Farm, Aston, Loughborough, Leics	Shire	Gould, J. M., Mooton, Croydon, Surrey	Shire
Cocher, J. W., Field Farm, Shington, Leicesters	Shire	Goulding, C. G., East Leake, Loughborough, Leics	Shire
Cochran, John, Scarcliffe, Chesterfield, Derbyshire	Shire	Gowing, C. G., Braveston Hall, Blifield, Norwich, Hants	Suffolk
Cochran, T. G., Office Farm, Melfield, Harleston, Norfolk	Suffolk	Gowing, G. P., Brockdish, Grange, Scole, Norfolk	Shire
Cochran, T. G., Walnut Tree Farm, Ashbocking, Nr Ipswich	Suffolk	Gowing, J. A., Watcote, Hill Farm, Suffolk	Shire
Cockland, Arthur, The Poplars, Ramsey, Warwickshire	Hackney	Grafton, J. S., Euston Hall, Thetford, Norfolk	Suffolk
Cockland, J. F., Waterside, Stud, Longmore, Nr St Albans, Herts	Shire	Graham, David, Kirkstyle, Rutwell, Cumberland	Clydesdale
Cockland, John & Son, Tunstall, S. O., Suffolk	Suffolk	Graham, James, Wood 1st, Coombe, Coventry, Warw	Shire
Cockley, G. H., Brerley, Leamington, Herefordshire	Shire	Graham, R. G., The Nook, Irthlington, Brampton, Cumb	Clydesdale
Cockley, C. J., Stenaghall, Blunham, Hunts	Shire	Graham, T., Lodge Farm, Higham, Bury St Edmunds, Suffolk	Clydesdale
Codder, F. J., Manor Farm, Blunham, St Ives, Hunts	Shire	Graham, W. M., Church Farm, Nazeing, Essex	Shire
Codder, W. H., Threlby Hall, Leamington, Yorks	Shire	Granger, N. I., Clifton, Boston, Spa, Yorks	Shire
Codman, Col. A. I., Newton Manor, Northallerton, Yks	Clydesdale	Granger, A. W., Manor Farm, Kirkby Mallory, Huntingley, Leics	Shire
Codman, T. J., The Wals, Suckley, Worcester	Shire	Granger, F. W. & Sons, Hill Farm, Drayton Bassett, Tamworth, Staffs	Shire
Codman, T. J., The Wals, Suckley, Worcester	Shire	Grant, George & Sons, Scrub Hill, New York, Lincoln	Shire
Codman, T. J., The Wals, Suckley, Worcester	Shire	Grant, William, Skinnard, Navenby, Lincoln	Shire
Codman, T. J., The Wals, Suckley, Worcester	Shire	Grantham, W. & S. W., The Rookery, West Keal, Spaldy, Lincs	Shire
Codman, T. J., The Wals, Suckley, Worcester	Shire	Grassby, J. T., Leghorne, Witley, Bridle, Yorks	Shire
Codman, T. J., The Wals, Suckley, Worcester	Shire	Graves, Arthur, Debdon, Saffron Walden, Essex	Clydesdale
Codman, T. J., The Wals, Suckley, Worcester	Shire	Graves, G., South House, Southwell, Lincs	Shire
Codman, T. J., The Wals, Suckley, Worcester	Shire	Gray, Col. A., Boundary Farm, Cresswell, Saxmundham, Suffolk	Suffolk
Codman, T. J., The Wals, Suckley, Worcester	Shire	Gray, Harold S., Gog, Margate, Kent	Suffolk
Codman, T. J., The Wals, Suckley, Worcester	Shire	Gray, H. A., The Moot Hall, Ipswich, Suffolk	Suffolk
Codman, T. J., The Wals, Suckley, Worcester	Shire	Gray, H. A., The Moot Hall, Ipswich, Suffolk	Suffolk
Codman, T. J., The Wals, Suckley, Worcester	Shire	Gray, T. G., Great Hills, Hockington, Lincs	Shire
Codman, T. J., The Wals, Suckley, Worcester	Shire	Gray, Walter, Chester Court, Hall, Selby, Yorks	Shire
Codman, T. J., The Wals, Suckley, Worcester	Shire	Greaves, A. W. & J. D., Nether Broughton, Melton Mowbray, Leics	Shire

Name and Address	Breed	Name and Address	Breed
Green Mrs A Denton Ben Rd Ling Leeds Yorks (cp)	Shire	Had nham Bros Brook Farm St Nicholas Harleston Norfolk	S Holk
Green A M Jerningham Milton Wobway Leics	Shire	Haggas T J Cliffe Lodge Shipley Yorks	Hackney
Green Chas M Bradmoor Farm North Walsham Norfolk	Suffolk	Hae E A Bill nley Hall Barnley Yorks	Shire
Green D Abbott Donyland Hall Colchester Essex (cp)	Suffolk	Haden John Checkley Team Stoke on Trent Staffs	Shire
Green E Boudaux Farm Great Chesterford Essex	Shire	Hale M J The Knoll Claydon Suffolk (cp)	Hackney
Green Mrs E A Martells Hall Ardleigh Essex	Suffolk	Haley Alfred A Grove House Walton Wakefield Yks	Shire
Green F H Greener Road North Walsham Norfolk	C Holk		Shire
Green Edgar R Hall Farm Sh npleigh Scone Norfolk	Hackney		Shire
	Shire		Shire
Green G Blythe Bridge Stoke-on-Trent Staffs	Shire	Hall A & Sons Towton Tadcaster Yorks (c)	Shire
Green C Saurethorpe Farm Alnoughton Notts	Shire	Hall Albert W Longhby Rugby Warwickshire	Shire
Green J E Caley Park Lincs Ashbourne Derby	Shire	Hall Arthur The Grange Copnoughton Yorks	Hackney
Green John Walcott Shrewsbury Salop	Shire	Hall Benjamin Ashwell Bishopton Hertford	Shire
Green John R Green Ash Farm Great Barford Beds	Shire	Hall Charles Lark Gate Wigan Cumberland (p)	Clydesdale
Green John T Woolton Ashbourne Derbyshire	Shire	Hall Chas. Ponthorne Rocester Stafford	Shire
Green John W Weston Grove Colchester Essex (cp)	Shire	Hall David Great Wymondley Stevenage Herts	Shire
Green A H Knobb Farm Bradley Ashbourne Derby	Shire	Hall L A Credenhill Hereford	Shire
Green T De Witts Green Farm Arley Coventry Warwick	Shire	Hall T J The Mount Anglow Burton-on-Trent Staffs	Shire
Green W Guldroy Sandown Rd Gt Yarmouth Norfolk	Shire	Hall Edward C Valley Farm Melton Mowbray Suff	Shire
Green Wm Staforth Doncaster Yorks	Shire	Hall Evan Augustus Sherbolt Lodge Dunstall Burton-on-Trent Stafford	Shire
Greene Mrs H D Grove Craven Arms Salop	Welsh Pony	Hall Forster Humber House Farm Lancaster Durham	Clydesdale
Greenlade A T Little Walden Park Saffron Walden Essex (cp)	Shire	Hall Frank Mansell Park Hulland Ward Derby	Shire
		Hall G Sheep Close Farm Sullenham Flaxton Stat on York	Hackney
Greenway Ames Alvanley Hall Hethy Warrington Lancs	Shire		
Greenwell Sur Bt Marden K Woldingham Surrey (cp)	Shire	Hall George Hegdale Shap Westmorland (cp)	Clydesdale
Greenwell G Smokejacks Wallis Wood O Kley Surrey	Shire	Hall H P Rectory Farm Weston-on-Trent Derby	Shire
Greenwell J D Old Hall Fm Lakenby Nr Linton Yks	Shire	Hall Hector W Newall Hall Huntingfold Halesworth Suffolk	Suffolk
Greenwood Hospital Estate Houghton Ipswich Suffolk (p)	Suffolk		
Greenwood D The Lodge, Little Foston South Midford Yorks	Shire	Hall Henry Hall Bank Aspatria Cumberland	Clydesdale
		Hall J W Clapton Plumtree Notts	Shire
Greenwood P The Firs, Knutsford Cheshire	Shire	Hall Exors of J W South Lodge Halesworth Suffolk	Suffolk
Greenwood W Gledhow Lane Roundhay Leeds Yorks	Hackney	Hall John Willows Farm Farnley Derby	Shire
Greenwood W The White House Burnby Cheshire	Hackney	Hall John G Halesworth Suffolk	Suffolk
Greenham Alfred Smeethhead Bridge Cotes Lancs	Shire	Hall John H Massy Cheshire	Shire
Gregory Dennis, Crippenham Farm Slough Bucks (c)	Shire	Hall John M Middlefold Stockton-on-Tees Durham (cp)	Shire
Gregory J R Heath Croft Fm Saighton Chester Chs	Shire	Hall P Wood Farm Westbury Salop	Shire
Gregory John Dudleston Hall Ellesmere Salop (cp)	Shire	Hall Capt R S New Hall Trender Clacton-on-Sea Essex (cp)	Suffolk
Gregory Samuel Marton Worsk Cheshire	Shire		
Gregory Samuel Edstaston Hall Warrington Salop	Shire	Hall W A & Son Brick House Canon Pyon Hertford (cp)	Shire
Gregson Luke Bckerstaffe Ormskirk Lancs	Shire	Hall Thomas Fatt Hill House Washington RSO Co Durham	Clydesdale
Gregson R Bridge Farm Ballam Lytham Lancs	Shire		
Gretton George Tasley Bridgton Salop	Shire	Hall Thos Hoton Loughborough Leics	Shire
GRETTON COL. RT. HOV JOHN Stapleford Park, Melton Mowbray Leics (p)	Shire	Hall Thomas A Levenhough Farm Walsley Yorks	Hackney
Grey Egerton S R I H Bt Oulton Pk Tarpotley Chs (p)	Clydesdale	Hall W R B Boley Elsey Walsley Hereford (cp)	Shire
Griffie R chard R, Gabriels Manor Edenbridge Kent (cp)	Shire	Hall William Kirby Bedon Norwich	Hackney
Grice Thomas Mills ones Bootle Cumberland (c)	Clydesdale	Hall Wm Dearham Hall Dearham Cumberland	Clydesdale
Grice William Old Hyton Bootle Cumberland (c)	Clydesdale	Hall Wm Kemp Snaith Yorks	Shire
Griffin A Alfred Hall Stratford on Avon Warwick	Shire	Hall Mr Harry White Lodge Alton-on-the-Wolds Leics	Shire
Griffin F W Boro Fen Peterborough Northants	Shire	Hall J H Wallingford Farm Clapton Chester old Derby	Shire
Griffin J A Mikote Hall Stratford on Avon Warwick	Shire	Hallamar E & Sons Bcton Clun Salop	Welsh Pony
Griffiths Fdward Hgb Grounds Rectory Farm Broom Barn Leicestershire	Clydesdale	Hambleden V scout Greenlands Henley-on-Thames Oxford	Suffolk
			Hackney
Griffiths Henry Hayford Hethy Warrington Lancs (p)	Shire	Hambury Mrs Gs Rookery Park Boxhall Suffolk (cp)	Suffolk
Griffiths Col Joseph St Peter's Terrace Cambs	Shire	HAMBRO COL. H. E. Coldham Hall Bury St Edmunds Suffolk (p)	Percheron
Griffiths T Lamont Bridge Pennith Cumberland	Clydesdale		
Griggs James South Creeke Fakenham Norfolk	Hackney	Hames Herbert Seagrave Loughborough Leics	Shire
Grimes A R M R C V S Kirkington Southwell Notts (p)	Shire	Hammersby J E Ideal House Farm La Melf Staffs	Shire
Grimes Joseph Newton-on-Trent Newark Notts	Hackney	Hammonds E A The Llace Farm Walsingham Suff	Suffolk
Grimes S C Seaciffe Grange Ch sterfield Derbyshire	Shire	Hammond F W The Grange Buryton Bury St Edmunds Suffolk (c)	Suffolk
Grimsford Road Eastthorpe Hall Malton Yorks	Clydesdale	Hammond W G Wastonside Hall Tunstall Suffolk	Suffolk
Grimswood & Sons Eyke Woodbridge Suffolk	Suffolk	Hammond Walter Ongars Hall old Heath Harlow Essex	Hackney
Grinder Sampson Dove Cliff Stoke-on-Trent Staffs	Shire	Hammond Edward B Waterdon House Walsingham Norfolk	Shire
Grindley Wm M Woodpeck Le Dale Ashbourne Derbyshire	Suffolk		
Grissell Col T D Sandle Manor Sandeithers Salisbury Wils	Suffolk	Hampshire F H Upperthorpe Holmthorpe Yorks (p)	Hackney
		Hampson Wm Booth Farm Admansdon Rugeley Staffs	Shire
Groom B The Mount Woodbridge Suffolk	Suffolk	Hampson W Wally Grange Welling Wobway Leics	Shire
Groom B Northgate House Wingham Wells Norfolk (cp)	Percheron	Hampson Henry Hammanley Shrewsbury Salop	Shire
Groom, Herbert Sunderland Farm Docking Norfolk (c)	Suffolk	Hand John H Kiron Fen Dogdy Lincoln	Shire
Groom, Col J L Great Bealings Woodbridge Suffolk	Shire	Hand Wm H Stallington Farm Blythe Bridge Stoke-on-Trent Staffs	Shire
Greensmith John G Ashton Stamford Lincs	Shire		
Grinds F Donald Orpington March Cambs	Shire	Handford C H Stanley House Liverpool Rd Birkdale Lancs	Hackney
Grinds F R Badger Farm Reddish March Cambs	Shire		
Groves James Heathfield Park Sussex	Shire	Handley H J Melchbourne Grange Shamrock Beds	Shire
Grys E J Le Cookeye Grange H e worth Suffolk	Suffolk	Handley G L Manor Farm Whead Bedford	Shire
Grundey J H Little Postland Wsbech Cambridge	Shire	Handley J J Headlow Shefford Beds	Shire
Grundy Richard Busby Farm Walsby Yorks (cp)	Suffolk	Handley D D Kempton Bedfordshire	Shire
Grundy The List of Walden Park Dover Kent (cp)	Suffolk	Handley Samuel Kinnerton Chester Cheshire	Shire
Gulford M R Russell Leys Farm Luttworth Rugby Warwickshire	Shire	Hands G T T Catesby Lodge Daventry Northants	Shire
		Hands H W Haverol Sherborne Northleach Glos (p)	Percheron
Gunness Hon W Hartwade House Bury St Edmunds Suff	Suffolk	Hankins C Chubbans Farm Farnham Kent	Shire
Gunness Henry Hall Kirby in Furness Lancs	Shire	Hankins Chas Westhorpe Hall Gwent Northants	Shire
Gunter George W Heathwode Lodge Wetherby Yorkshire	Clydesdale	Hankins Ernest Lln Grove Farm Manca Cambridge	Shire
Gurney S R Luscate Walsingham Abbey Norfolk (cp)	Shire	Hannay Mrs A L Coldhays East Liss Hants (c)	Shetland Pony
Gurney Maj Quinton E Bawdeswell Hall L Dereham Norfolk	Percheron	Hanson Sir G S St Eye Kettleby Hall, Melton Mowbray Leics (p)	Shire
Gurtes T Hall Farm Rowsham Aylesbury Bucks	Shire	Hanson, Taylor Ingthorpe, Penstone Yorks	Shire
Gwiliam R T Gudden Down Clun Salop	Welsh Pony	Hanson Tom New Lodge Farm Penstone Yorks	Shire
Gwall Janes, Crowle Worcester	Shire	Hanson Vernon E J Grove Hall East Retford Notts	Shire
Gynn Richard & Son Trevelyan Dardistow Camelford Cornwall (cp)	Shire	Hardcastle E & Sons Ryton Grange East Retford Yks	Shire
		Harding A W Fox Oak Argoson	Hackney
		Harding E C Foxcroft Grittleton Chippingham Wils (cp)	Shire
		Harding Frank, Tythby Bingham, Notts	Shire
		Harding Henry Lodge Farm, Atterton, Newton Warms	Shire
		Hardman, M S Newton Lodge Farm, Hardhorn, Poulton-le-Fylde Lancs	Shire
		Hardstaff W & K. Hall Farm, Linby Notts	Shire
		Hardwick, E A, Muralto Tavistock, Devon	Shire

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Name and Address	Breed	Name and Address	Breed
Wormald, W F, Willerby Wold, Ganton, Scarborough	Suffolk	Wyles, H, The Court, Cropwell Butler, Nottingham	Shire
Worley, C D, Yew Tree Farm, Lapworth, Birmingham	Shire	Wyndford, Lt Col Lord, DSO, Wyndford House, Maiden Newton Dorset	Shire
Worley, Worswick, R, Acton Round Bridgnorth, Salop	Shire	WYTHES, E, J, Copper Hall, Epping, Essex	Shire*
Worster, A, St Aswells Farm, Rendcombe, Cirencester, Glos	Shire	Y	
Worth R P, Christie House, Holbach Marsh Lincs	Shire	Yarborough, The Earl of, Brocklesby Park, Lincs	Shire
Worthington, A, Dingle Farm, Solihull, Walsley, Lincs	Shire	Yarley, J, Woodlands Farm, Stockingford, Nuneaton, Warwickshire	Hackney
Wragg S, Lluh Farm, Southey, Sheffield, Yorks	Shire	Yarrad, Samuel, Sedgwick Manor, Grantham, Lincs	Shire
Wrathall J T, Rolleston Park, Tutbury, Burton-on Trent, Staffs	Shire	Yarrad Wm P, Swaton, Folkingham, Lincs	Shire
Wray, Frank Wykes, Donnington Spalding Lincs	Shire	Yarrow, Percy, Teversham Hall, Cambridge	Shire
Wren, Isaac, Court Farm, Westmeon Hants	Shire	Yarwood C, Lightfoot Green Farm, Brereton, Sandbach, Cheshire	Shire
Wrench, John, Bradley Hall, Frodsham, Cheshire	Shire	Yates, Alfred Edgar, Woodland, Castleton, Lancashire	Clydesdale
Wright A E, Outwood, Wakefield, Yorks	Shire	Yates John T, Champion Farm, Quarndon, Derby	Hackney
Wright A F, Leadingham Lincoln	Shire	Yates Wm, Jun, Breaks Hall, Appleby, Westmorland	Clydesdale
Wright, Capt A G, Elmshurst Brooklands Av Camb	Shire	Yell, Lt Col J R, The Labyrinth, Winterton, Banbury, Oxon	Hackney
Wright A T, Common Farm, Hucknall, Torkard Notts	Shire	Youldan, J H, Grove Farm, Kirk Sandall, Doncaster, Yks	Shire
Wright, Ben, Baguley Green Farm, Wobbesley, Cheshire	Shire	Young, A T F, Cornboro' Villa Farm, Sheriff Hutton Yorks	Shire
Wright, C P, Brawth Farm, Thurst, Yorks	Shire	Young, H, Tortescue, Pattersfield, Oxford, Surrey	Shire
Wright, Chas, Damask Farm, Warrington, Wals	Shire	Young, H T L, Lambourne House, Lambourne, Berks	Suffolk
Wright, Danny, Morley House, Moulton St Mary, Aids, Norfolk	Suffolk	Young, Hugh G, DSO, Grange Farm, Radnage, High Wycombe, Bucks	Shire
Wright, Capt F E FitzHerbert, Lady Hole, Ashbourne, Derbyshire	Shire	Young, J G, Henry, East Standon, Newport, Isle of Wight	Shire
Wright, G H, Inby Hall, Whapload, Holbeach, Lincs	Shire	Young, James B, Bretts Hall, Tendring, Essex	Clydesdale
Wright, Geo, Pasture Hills Farm, Langwith, Mansfield, Notts	Shire	Young, Robert, Snellings, Egremont, Cumberland	Clydesdale
Wright, H, Brackenfield, Alfreton Derby	Shire	Young, S & Son, Mutton Grange, Filly, Yorks	Shire
Wright, H, Hazlehurst, Chellford Rd, Knechtsteden Chesh	Shire	Young T A, Gorsefield, Walsby, Cambs	Clydesdale
Wright J, Back Lane Farm, Ashby, Altrincham Cheshire	Shire	Young W S, Manor House Cottage, West Heathly, Sussex	Clydesdale
Wright, J A, Gleggs Hall, Brixton, Chester	Shire	Young, Wm, Parsonstown, Lonsdown, Carlisle, Cumberland	Percheron
Wright, John G, Top Farm, Huthwaite Yorks	Shire	Youngman, H P, Red House, Charsfield, Wickham Market, Suffolk	Suffolk
Wright K H, Watlands House, Scaynes Hill, Haywards Heath, Sussex	Shire	Youngman, J & Sons, Charsfield, Wickham Market, Suffolk	Suffolk
Wright, M, Corporation Farm, Whetton, Ipswich Suff	Suffolk	Youngs, Charles, Stoven, Wingham, S O, Suffolk	Shire
Wright, Richard, Holker Farm, Cark in Curnel, Lincs	Shire	Youngs, Wm L, Burnham Thorpe, King's Lynn, Norfolk	Suffolk
Wright, W, Grassmoor, Chertfield, Derbyshire	Shire	Yule, Lady A H, Hamstead House, Bricket Wood, Herts	Shire
Wright W E, Sandon Stafford Staffs	Shire	Z	
Wright, W H, Whapload Fen Holbeach Lincs	Shire	ZAMBERA, CAPT. NELSON, West Tisted Manor, Ropley, Hants	Clydesdale
Wrightson, Charles, Low Grange South Bank S O, Yorks	Clydesdale	Zetland, The Marquis of, Aske, Richmond, York	Cleveland Bay Shire
Wrench R H, Harkstead Ipswich Suffolk	Suffolk		
Wrench, S N, Armaton, Ipswich Suffolk	Shire		
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Wylde R V, Stocking Pelham Hall, Buntingford Herts	Shire		

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L			
Lambton, Lt.-Col G. C. D.S.O., Brownshade, Pembroke	Red Poll	Owen R. D. Treacell, Ty Croes, Anglesey	Welsh Black
Leas, John, Llynw. Kaitia, Wrexham, Denbighshire	Friesian	Owen, White, Llynw. Kaitia, Wrexham, Denbighshire (sh)	Welsh Black
Leas, W. L., Bryn Llynw. Colwyn Bay, Denbighshire (A)†	D Shorthorn	Owen, T. G. Ierichs Estate Office, Holyhead, Anglesey	Welsh Black
Lewis, D. & Sons, Cwllt Felinallt, Cardiganshire (A)	Shorthorn	Owen, T. H. Ierichs, Clynog, Carn	Welsh Black
Lewis, D., Prendergast Place, Haverfordwest, Pembroke †	Shorthorn	Owen T. J., Tyddyn Mawr, Gaerwen, Anglesey	Welsh Black
Lewis, George S., Fawc, Gendymen Farm, Aberdeen, Glam †	Friesian	Owen Thomas, Fleram Gyd, Rhosogoch, Anglesey	Welsh Black
Lewis, Henry, Ynys Rhogoch, Anglesey	Welsh Black	Owen, W., Penymynydd, Idy, Valley, Anglesey	Welsh Black
Lewis, John, Meirion Llynw. Llanigon, Carmarthen (ph)	Shorthorn	P	
Lewis, Lewis, Ilancray, Brecon	Hereford	Parry G. W., Tan Rallt, Clynog, Card	Welsh Black
Lewis, R. A., Cwrtall Ty Croes, Anglesey	Welsh Black	Parry John E., Talyllyn, Bwlch, Breconshire	Red Poll
Lewis, T., Brynallt, Nantgarw, Carmarthen	Shorthorn	Parry Mrs M., Talyllyn, Bwlch, Breconshire	Red Poll
Lewis, T., The Home Farm, Llandolau, Denbigh (s)	Shorthorn	Parry Morris, Brynallt, Clynog, Card	Welsh Black
Lewis, W. J., Haulfryn Home Farm, Abercrom, Anglesey	Welsh Black	Parry R., Tyddyn Wael, Llanfyllt, Anglesey	Welsh Black
Lewis Bowen, J. W., Clyffyn, Boncath Pem	Shorthorn	Parry, R. J., Neigwl Pwllheil Carnarvon	Welsh Black
Leyland, Sir L. N. Bt., Nantidyl Hall, Ruthin Denbs †	Welsh Black	Parry, Robert, Gwyrffryn, Pwllheil, Carn	Welsh Black
Lightfoot, F. P., Devils Ridge, Aberystwyth, Cardiganshire †	Friesian	Parry, Thomas R., Holt Lodge, Croes Yodkin, Wrexham, Denbighshire (sh)	R. L. Shorthorn
Lisborne, Earl, Crosswood, Cardigan, Cardiganshire (ph)†	Shorthorn	Parry, Tom, Nantymawr Llangarnog, Hefell, Card †	Shorthorn
LLEWELLYN, SIR D. R. BART., The Court, St. Fagans, Cardiff, Glam. (sh)†			
Llewellyn, Capt. M. H., Tynewydd, Hirwaun, Glamorgan	Friesian	Parry, W., Cwt. Sgo, Bodorgan, Anglesey	Welsh Black
Llewellyn, W. H. C., Court Colman, Bridgend, Glamorgan †	Shorthorn	Pearson David, Pantilly Du Fawr Farm, Llanelli, Carmarthen	Shorthorn
Llewellyn Jones, T. C., Frofath Rhy, Flintshire (p)	Hereford	shile	
Llewellyn, C. V., Llydanau Hall, Newbridge-on-Wye, Radnor	Welsh Black	Pennant Mrs. Fanilly St Asaph, Flintshire	Jersey
Llewellyn, J. Edgar, Bristogan, Goodwick, Pembrokeshire	Welsh Black	PENRYN, THE RT. HON. LORD, Penryn Castle, Bangor, Carn.	Welsh Black*
Lloyd, Cadwaladr, Nant, Towy, Merioneth	Welsh Black	Perkins, D. S. and Son, Trecllyn, Letterston, Pem	Shorthorn
Lloyd, D. R., Llysfaen, Anglesey	Shorthorn	Perkins, D. H., Penysgarnne, Goodwick, Pembrok	Shorthorn
Lloyd G. C., Dun, Hall, Rossett, Wrexham, Denbigh	Welsh Black	Perkins Wm. C. H., Colomendy Mold, Flint	Red Poll
Lloyd, Miss N. M., Pentre Hobyn, Mold, Flint	Dexter	Peyton Lt. Col T. H. D.S.O. M.D., Colomendy Mold, Flint	Dexter
Lloyd, Richard, Tymawr, Holyhead, Anglesey	Welsh Black	Phibbs, C. Plas Gwyrffryn, Llanbedd, Merioneth	Welsh Black
Lloyd Edwards, C. H., Nanhoron, Pwllheil, Carn	Welsh Black	Phillips W. L., Llwynnau, Golden Grove, Carmarthen	Shorthorn
Lort, Miss E., Castellmair, Carnarvon	Dexter	Pierce J. R., Trelewydd, Gaerwen, Anglesey	Welsh Black
M			
McClintock, Mrs. A. Penoyre, Brecon, Breconshire	Jersey	WILKINSON, H. G., Bryn Fawr, Llanidloes, Mont. (sh)†	Welsh Black
McDonald, Charles, Cwylf Farm, Ruthin, Denbigh	Welsh Black	Platt, Maj E. W., Gorrindon Llanfartach, Carn (sh)†	Welsh Black
Mason, F. F., The Hall, Killyg, Glamorgan (A)	Hereford	Player, W. J. Percy, Wernadog, Clydach, Swansea, Glam.	Welsh Black
Mathias, Capt. A. S., Llanwarren Letterston, Pembroke †	D Shorthorn	Poole F. T., Barry Island, Letterston, Pems	Welsh Black
Mathias, J., Sgall, Llanfart, P. G., Merioneth	Welsh Black	Powell Dufryn Steam Coal Co., Ltd., Aberaman, Aberdare	Hereford
Mathias and Son, Lendre House, Caerwyn, Flintshire	L. R. Shorthorn	Powell, Col George R., Tynewydd Hirwaun, Glam	Friesian
Meikle R., Bryndrefydd, Bangor, Carnarvon	Welsh Black	Powell H. D. & Sons, Glasbury Farm, Glasbury, Radnor	Shorthorn
Meirion, T. Gwyn, Nant Cw, Flint	South Devon	Powell, Howell, Pontyblat, Brecon	Hereford
METHYR, LORD, Hean Castle, Sandderott, Pembroke (A)	Shorthorn*	Powell, T. H. B., Ynysydd Sennyndre, Brecon	Hereford
Mewton W. F., Brynion House, Llandoli, Cardiff, Glam	Hereford	Powis, Earl of, Powis Castle, Welshpool, Mont	Shorthorn
MEYRICK, SIR GEORGE A. E. T. G., Bart., Bodorgan Hall, Anglesey	Welsh Black*	Price, D. L., Brynnygnall Ystradgynlais, Swansea Glam (sh)	D Shorthorn
Minopio, F. C., Gwyllyn Home Farm, Abercrom, Carns (sh)†	Welsh Black	Price, D. W., Nantyrham Cray, Brecon.	Hereford
Mircrouse, Mrs. The Hall, Angle, Pembroke	Welsh Black	Price, H. J. E. Glosower, Haverfordwest, Pembrokeshire †	D Shorthorn
Montford, A. G., Ivy House, Church Stoke, Mont	Hereford	Price, J. H., Abercrag, Brecon	Welsh Black
Moore, Norman L., Llandrillo, Corwen, Merioneth	Welsh Black	Price, John, Fronleu, Dolgelly, Merioneth	Welsh Black
Moore, Lawton L., Ingewood, Broadway, Llandrindod	Hereford	Price, P. H. T., Abercrag, Treacell, Brecon.	Hereford
Moore, W. R. F., 84, Merchants Exchange, Cardiff, Glam. (A)	Hereford	Price, T., Trephilly Talgarth, Brecon	Hereford
Morgan, D. & M. N., Abernantygoe, Cwmbach, Aberdare	Friesian	Price, W. M., Pipton Threeboks Brecon	Hereford
Morgan, Edwin Cwmfawr, Carmarthen	Shorthorn	Prickard T. F., The Noyades, Rhayader, Rad	Hereford
Morris, D. W., Penywyn, Talyllyn, Cardiganshire (s)	Welsh Black	Pridde Maj A. E., Plas Mad, Llanfart, Denbigh	Welsh Black
Morris, E. H., Elmshurst, Welshpool, Mont	Hereford	Pringleau, Mrs. Eugene, Alltrefeuny, Julgergan, Pems	Dexter
Morris, G., Llandallfog, Tregra, Talgarth, Breconshire	Hereford	Pritchard, Ellis Ganner Isaf, Bangor Carnarvon	Shorthorn
Morris, J., Cefnauwern, Broget, Cardigan	Shorthorn	Pritchard, H. Nant Blach, Trevor Cwllwyn Carn	Welsh Black
Morris, J., Pen-y-mwr, Talyllyn, Cardiganshire	Shorthorn	Pritchard, J. E., Pind House, Garthmyl, Mont	Welsh Black
Morris, J. L., Berris, Huddleton, Pembrok	Shorthorn	Pritchard, O. J., Llanfyllan Is, Ty Croes, Anglesey	Welsh Black
Morris, William, Trecefnaf, Pen-y-paig, Cardigan	Shorthorn	Pritchard, W. Murau, Nr Carnarvon, Carn	Welsh Black
Muir, T., Bodderly, Ty Croes, Anglesey	Welsh Black	Prosser, R., Brynallt Alexandra Road, Brecon.	Hereford
N			
Naylor, Capt. J. M., Leighton Hall, Welshpool, Mont. (ph)†	Kerry	Prosser W. Talgarth, Brecon	Hereford
Neab, D. E., Nant Fawr, Llanfyllan, Glamorgan	Gernsey		

ARK

ARK

Name and Address	Breed	Name and Address	Breed
P			
Parry Thomas R Holt Lodge Croes Ynion Wrexham Denb	Large White	Thomas S & J. J. P. Maesylaf Elv Cardiff Glam	Welsh
Ph ll ps Mrs E. Caerleon Llanbrydydd Wh land Carm	Essex	Thomas J L P. Maesylaf Blaewann Wh land Carm	Glos Old Spots
Ph ll ps Lewis M Lan Hebron S O Carm	W Saddleback	Thomas Lio d T Lochurff n Letterston I embs	Welsh
Ph ll ps M J P Iencelly Hebron S O Carm	Welsh	Thomas S O Treparke Mydram St Clears Carm	Welsh
Ph ll ps P Iencelly Cwmfach St Clears Carm	Welsh	Thomas T Itron ssa Hebron Carm	Large Black
Pierwyl d Farm Institute Carmarthen	Welsh	Thomas T H Essend ne Station Road Llandaff Glam	Welsh
Platt Frank Carreg Groes Glan Conway Denb gshire	Large White	Thomas W Manor Farm Llanllwch Carmarthen	Large Black
Powis Thomas 18 Penrhyn Road Aber Barroed Cardiff Glam	Large White	Tucker C P 54 Cowbridge Road Br drend Glam	Glos Old Spots
Price S & F C R Hensol Castle Pontyclun Glam	Welsh	Turnbull I H Lower House Farm Llanta t Major Glam (s)	Middle White
Pritchard W Muriuau N r Carnarvon	Welsh	Tyrie T V Hollowfield Farm Gwentford N r Wrexham Denb	
Pryse Sir Lewis Bart. Goggerdan Bow St S O Cards (A)	Gos Old Spots	U	
Pugh Mrs. Cwncodwg Aberystwyth Card	Welsh	UNIVERSITY COLLEGE OF WALES THE Aberystwyth Card (sh)/f	
R			
Radcliffe I H Brynderyn Peterston Ely Cardiff Glam	Welsh	V	
Rees Evan J P Pengelly Newcastle Emlyn Carm (cs)	Welsh	Vaughan A LJ Ty Ellis Treves Bridgend Glam	Welsh
Rees J Maesylafon Peterston S Ely Cardiff Glam	Welsh	Vaughan Maj-Gen John CB CMG D.S.O Nannau Dolgellau Mer	Large Black
Rees, Richard Cefnyddre Foshguard Penb	Welsh	Vert J Whitehurst Ruabon Denbigh	Essex
Richards D Hill House Pontyclun Glam	Large White	W	
Richards David Cefortyncoed Farm Aberayron Cards (A)	Welsh	Walker A E Lower House Farm Dinas Powis Cardiff Glam	Welsh
Richards T Brigran Farm Pontyclun Glam	Welsh	Walmsley Wm Whitchurch Glam	L. & W White
Roberts J Francis Penygroes Pontnewydd Carnarvon (c)	Welsh	Walne A R & V D Fron Hill Mold Flintshire	Middle White
Rookaby Alfred Litchard Hall Bridgend Glamorganshire	Middle White	Walton G W Towry Castle Carmarthen	Middle White
S			
Salt John M Plas Llanychan N r Ruthin Denb gh.	L.W Ulster	Watts, D C F.A.I. High Street Cowbridge Glam.	Welsh
Samuel Thomas Village Farm Whitechurch N r Cardiff Glam	Large White	Williams A L Gwerngal Peterston S Ely Cardiff Glam	Welsh
Samuel W Pantglas Llantrisant Glam	Welsh	WILLIAMS A L Nantygrace, Knighton, Radnor	Tamworth
Samuel, Wm Gellidwydyl Farm Sketty Swansea Glam	Large White	Williams D D Y Fron Tregaron Cards	Welsh
Saunders Davies A O Centre Boncath Penb	Welsh	Williams David Jones, Rhdy y B l Ruthin Denb gh	W Saddleback
Smart G Bryn Eglwys Farm Llansannan N r Aberystwyth Denb.	Middle White	Williams E D Tyddyn Hwrdl Ty Croes Anglesey (cs)	Large White
Sm th J R G Castlewright House Church Stoke Mont	Berkshire	Williams Col L Parciau Tyn y Gongl Anglesey (cs)	Clos. Old Spots
Sparrow R B Ashford Talylont on Lsk Breconshire (cs)	Glos. Old Spots	Williams Rev M C Gower Pendoylan Vicarage Cowbridge Glam	Middle White
Stable D Wuttingham Plas Llyn Owen Llynbrynmair Denb.	Berkshire	Williams Owen J P The Crossways Cowbridge Glam (cs)	Welsh
Stevens F W The Hollies, Marchwiel Wrexham Denb.	Welsh	Williams W Mount Pleasant Cymmer Glam	Welsh
Stokes C W Rees, Warwick House Tenby Pembroke	Essex	Williams W G Leeswood Green Farm Leeswood Mold Flint.	Large White
T			
Thomas, B Blaenddyffrynach Llandysul Cards	Middle White	Williams Wynne Col R D.S.O Blas yn Cefn St Asaph Flintshire	Large White
Thomas D Martin Maescanra Login S O Carm	Welsh	Williamson & Holland Rhyd Broughton Farm Wrexham Denb.	Glos Old Spots

Name and Address	Breed	Name and Address	Breed
I			
Inglan Exors of G Bryn Offa, New Brighton Mold Flint	Shure	Jones J & Sons Dinarth Hall Colwyn Bay Denb gh	Welsh Pony Hackney
J		Jones J B Bobundon Anlwch Anglesey	Shure
Jackett W J * Woodman Terrace Ystalyfera Glam	Wel h Pony	Jones K Bryn Eli an Dolwen Abergele Denb gh	Shure
James Brig Gen Geoffrey M The Estate Office Dolanog yr Welshpool Mont	Shure	Jones J Lloyd Gra gddu & Llanfa rllach Farns Lampeter Cards	Welsh Pony
James Bros Upper Steps de Card gan	Shure	Jones J M Werddon Llanwch Lllyn Corwen M rnoneth	Welsh Pony
James D Glasvein saf Llangadock Carmarthen	Sh re	Jones J W & Mrs E J Tenyrdwen Farm Llanfihangel	Shure
James, D Plansee Farm Llanfarcian, Cardiff Glam (s)	Shure	Jones J W & Mrs E J Tenyrdwen Farm Llanfihangel	Shure
James, Dav d Egermaen Ganol Tregaron Cards	Welsh Cob	Jones John Gell hen Talgarreg Cards	Welsh Pony
James, E L. Chapel Gwydya Farm Rhydys e Henllan, R.S.O. Cards	Welsh Pony	Jones John Park Owen Gwynle Carm	Welsh Pony
James E T Lloyd Worcester House Brynmawr Brecon	Hackney	Jones John Tenyrdwen Llanfihangel Naat Bran Senny bridge Brecon	Welsh Pony
Jones J Aberaman Farm Aberdare Glam	Wel h Pony	Jones John Whitegate Farm Wrexham Denb ghshire	Hackney
James J Ierthgwynn Farm Llanrhydyd Aberystwyth Cards	Shure	Jones John Lloyd Gwyls Cross Inn Cards	Welsh Pony
James J M & W P Brompton Hall Church Stoke Mon (s)	Sh re	Jones Morgan Lletty Bromg Llanguog Bridgend Glam	Welsh Pony
James John Monachdy Gynysbwl Glam	Welsh Pony	Jones Morgan J Gadlys Fm Llanguog yd Bridgend Glam	Shure
James, Roden k Tycanol Farm Llandeab e Carm	Welsh Pony	Jones O Parry Plas Llechlydd Valley Anglesey (cs)	Shure
James, T Mofa Mawr Farm Llanon Cards	Welsh Pony	Jones R Groesackwen Llangenddeu K dweily Carm	Welsh Pony
James Tom Myrtle Hill Stud Llechryd Boncath Pembs	Shure	Jones R M R C V S Tall Hall Towyn Mnt	Welsh Pony
James, W Fl noncill Verw ck Cardigan	Wel h Cob	Jones R Waeafall Hall, Llangryn Towyn, Denb gh (s)	Welsh Cob
James Wm Dewey Brynmawr Farm Borth Cardigansh	Welsh Pony	Jones R W Maesgollen Sketty S.O Swansea Glam	Wel h Pony
James Wm F A I Goedwyn Swansea Glam	Welsh Pony	Jones Rhyf W Glamsweny Garth S.O Brecon	Welsh Pony
Jenkins, D Penrefelion Felafath Cards	Welsh Pony	Jones S & Sous Blaenwyddon Newcastle Emllyn	Sh re
Jenkins D John Cwrt de Reynoldston S O Glam	Welsh Pony	Jones Samuel Caerwysdyd Pony Stud Farm Llywyndafydd Cross Inn S.O Card	Welsh Pony
Jenkins, Dav d Gellifer Nelson Glam	Welsh Pony	Jones S dney M Cefnburawm Erwood Brecon	Welsh Pony
Jenkins, Dav d Boverton Place Llanfawr Major Cardigan Glam	Shure	Jones T Glauntraeth Bodorgan, Anglesey	Sh re
Jenk us, G Trema us Farm Bridgend Glam	Welsh Pony	Jones T & Sous Treayddel Forge Cross Inn S O Cards	Welsh Pony
Jenkins, Griffith Gelyng Fach Postpyndd Glam	Welsh Pony	Jones T H M R C V S Llandilo Carm	Welsh Pony
Jenkins J M Cerrig Trane Talyston Cards ansh	Sh re	Jones T I Dwerth Hall Colwyn Bay Denb ghshire	Hackney
Jenk us John Cefn Parc Brecon	Sh re	Jones, T O Dolermlawgan Newcastle Emllyn Carm	Sh re
Jenkins John, Gellidraw Postpyndd Glam	Wel h Pony	Jones Thos Blaenwyddus s Farm Caerphilly Glam	Welsh Pony
Jenk us John Penregrgan Ponthrydfeng da d, Cards	Wel h Pony	Jones Thos Cood y Cea Ml Flint Mountain, Flint	Welsh Cob
Jenk us Mart n Claren out Cottage Majals Blackpill Swansea Glam	Welsh Pony	Jones, Thomas, Trolbrith Llandysul Cards	Welsh Pony
Jenkins T E. Kil rough Estate Office Parkmill Glam.(csf)	Shure	Jones Thos Treochawrhech Llandysul Cards	Welsh Pony
JENKINS W. Gelyng Ganol Postpyndd, Glam	Welsh Pony	Jones W E Bestbrook New Radnor Radnorshire (csf)	Shure
Jenkins W A M P Turedo Laton Grove Swansea Glam	Wel h Pony	Jones, W G Chapel Farm, Llanelli Carm	Sh re
Jenkins W G Bryngoleu Ferns Wood Penmaen R S O Glam	Welsh Pony	Jones, W H Treforwen Llanisawm Anglesey (csf)	Sh re
Jenks H C Rumney Pony Stud, Rumney Cardiff Glam	Hackney	Jones W J Fronde Adwyn Road Brynmawr, Carm	Welsh Pony
John Ben Seaford Penmaen Swansea Glam	Welsh Pony	Jones W F Gelly Fud Blackmill Bridgend Glam	Sh re
John Dav d Longland Farm Kent g Hill Glam	Shure	Jones Wm. Frelodwen Tregaron Newtown Mont	Welsh Pony
John E T Llan dan Hall Llanfair I G Anglesey	Welsh Pony	Jones Z Cartrefydd Caruwallt Pontyffynon Glam	Welsh Pony
John Mrs M Bryn Castell Coy ty Bridgend Glam	Welsh Pony	Joseph D Brynall Parkmill Swansea Glam	Welsh Pony
John O P Tyroced Fm Re noldston Bridgend Glam	Welsh Pony	Jorge Morgan 109 Cwrtys Road Cardiff Glam	Hackney
Johnstone J H Abertridwan Pont pr dd, Glam	Wel h Pony		
Jonathan A H Little Dufriny Gwern Breconshire	Sh re	K	
Jones A L H Singleton I m Church Stoke Montgomery (s)	Sh re	Kellett W Plasnew dd Llanfair DC Ruth n D nbs (cs)	Shure
Jones Alfred Trebel g Welshpool Mont	Sh re	Kennedy A J Newbridge Road Llanfair anst Glam	Welsh Pony
Jones Bros Hedw Rhydargaeu Carmarthen	Shure	Kerby W F Bulch ystrall Nysyll Glam	Sh re
Jones Bros 6 Pant Road Dolwll, Glam	Shure	Kettes F But her Caerph y Glam	Welsh Pony
Jones Ben anau Caerparw 1 yle Bridgend Glam	Wel h Pony	Kinsey T L Maesmawr Carrys Mont	Shure
Jones, C. Ty y ycae Glamsweny Cn khowell Brecon	Sh re	Kinea A L Three Crosses Dun ant Nr Swansea Glam	Welsh Pony
Jones Charles Hendryd Lampeter Cards	Sh re	K eath Da I I rfwat Three Crosses Glam	Welsh Pony
Jones Chas Lower Trebel g Welshpool Mont	Shure	Keneth M H Talba h Three Crosses Dunvant Glam	Welsh Pony
Jones, D Fadfa Farm Talgarreg Llandysul Cards	Welsh Pony	Kerath Wm Three Crosses D n ant G an	Welsh Pony
Jones, J Andre y Nant Fm St. Melons, Cardiff Glam	Shure	Kyrke R H Venables Nautil h & Wrexham D n gh	Hackney
Jones D C & E H Bank Farm Pool Quay Welshpool Mont	Shure		
Jones, D Leonard Brynmawr Llanelli Carmarthensh. (s)	Ha key	L	
Jones D I Butington Old Hall Butington Welshpool Mont	Shure	Lambton Philip O Brownshale Pembrokehire	Shure
Jones, Dav d Altyllionan Llanwda, Carmarthenshire	Shure	Laure P S Ivy House King Street Wrexham, Denb gh	Hackney
Jones, Dav d Caerregola n, Llangadock, Carm	Wel h Pony	Lea, W L Bryn I uryn Colwyn Bay Denb ghshire (csf)	Sh re
Jones, Dav d Brynmawr Cards	Welsh Pony	Lewis D & Sons, C. P. L. Fm Llanelli, Cardiganshire	Welsh Pony
Jones I a M Llanr Farm Llanelli Cards	Welsh Pony	Lewis J Glaschwyrth Llanfawr Carm	Wel h Cob
Jones, David Nwedd Cynb nfa, Welshpool Mont	Shure	Lewis, D Llanfawr Llanelli Lampeter Cards	Wel h Pony
Jones, David Llyn Farm, Llanelli, Brecon	Shure	Lewis, David The Victory Ferry Station Radk	Shure
Jones, Da I The Woodia da, Gull i M Welshpool Mont	Shure	Lew s, Dav d W. Cwrtys Cadwal Llanelli Aberystwyth Cards	Shure
Jones F Drenwng d W l hpo d, Mt	Shure	Lew s E Evan, Llanpanterg Rhydys, Henllan, R.S.O	Welsh Pony
Jones, E I Werddan, Penybrydgell Brecon	Shure		
Jones, E Ian Manawr n, Llanidlo, Carmarthenshire (sf)	Welsh Pony	Lewis F W J. White Street, Caerphilly Card h Glam	Welsh Cob
Jones, E Ian Manawr n, Llanidlo, Carmarthenshire (sf)	Shure	Lewis John, Mm Llywedd Llanegan Carmarthen (s)	Shure
Jones Frank Maesmae Rhydys, Denb gh	Shure	Lewis, John D Gwennydd Nantwrth, Penbroke	Welsh Pony
Jones, Frank C The Mawrdd, Bryn M Llanidlo Glam	Wel h Pony	Lewis J L L. Hendrydd Farm, Caerphilly Glam	Welsh Pony
Jones, G. Gell Bwl h Llanelli, Llangatryn, Henllan, R.S.O	Welsh Pony	Lewis J R A. Cwrtys, Ty Croes, Anglesey	Shure
Jones, Griffith B, Bwl h Hall Pwll h, Carmarthen	Welsh Pony	Lewis Thos H I nant, Llanelli, Brecon	Shure
Jones, Gw m A Llanelli Three Crosses, Dunvant, Glam	Welsh Pony	Lewis, Wm. Mm, J. ystrall Nysyll Glam	Welsh Pony
Jones, H M ynk, Nathral, Welshpool Mont	Shure	Llewellyn H. Colabroth, Bwl h, Brecon	Welsh Pony
Jones, H Carnwal Ion, Llanidlo, Penbroke, Anglesey	Shure	Llunbwr Earl, Crosswood, Card, an, Carmarthenshire (s)	Shure
Jones, H Court Farm, Llanidlo, Penbroke, Anglesey	Shure	Llewellyn M. Mm, Treforwen, Talb h, Carmarthen Glam	Welsh Pony
Jones, J Bryn r y Nant, New Court, Llanidlo, Brecon	Welsh Cob	Llewellyn, S. J. T D Bt Penregr, Brecon	Welsh Pony
Jones, J H only Towyn, h, Denb gh	Welsh Cob	Llewellyn, C. J. Llanidlo, Penbroke	Shure

Name and Address	Breed	Name and Address	Breed
Lloyd Edwards C H Nanhoron Pwllhell Carn.	Welsh Pony	Price Lewis T J Fry Farm Cefn Cribb Br Br dsgnd Glam	Sh re
Lort Miss L Castellani Carnarvon	Hackney	Price O Nantlham Cray Brecon	Welsh Pony
		Price R chard Brynrdanog Berghyd Knighton Rads	Welsh Pony
Loveluck James G Llangewydd Farm Bridgend Glam	Welsh Pony	Price W Sthytyn Llandyrnog Denbigh	Welsh Pony
Lyons Lady Kihrough Parkmull Glam	Welsh Pony	Pritchard Tom Three Horse Shires Inn Lland haegel	Welsh Pony
		Want Bran Breconshire	
M		Pr thard Wm Pantgwyn Merthyr Cynog Brecon	Welsh Pony
Maddock W J Cefoydy Farm Tondy Glamorgan	Sh re	Protheroe Mrs Jane Tynycwm I arm Garth Breconsh	Welsh Pony
Maddocks John Tarsan Farm Golden Grove Carn	Welsh Cob	Protheroe Thos John Penygarr Farm Llanelli Carns	Welsh Pony
Maddocks W Bromhill 1 m Margan Port Talbot Glam	Welsh Pony	Prout Thos Greenhill Burton Heyland Llanabrysh	Welsh Pony
Mason F F The Faraam Killey Glamorganshire	Welsh Pony	Price W L R Gorediged Bow Street S O Cards	Welsh Pony
Mathian R J The Garth Pontypridd Glam	Welsh Pony	Prytherth John Baileythyn Upper Chapel Brecon	Welsh Pony
Matthews H Gwrelwyn Farm Bettws Glam	Welsh Pony	Prytherth W A Bodfeddan Ty Croes Angelsey	Sh re
Meire T Lockley Maes y Cra Flint	Sh re	Pugh A M & Son The Grove L ghton Radnorsh re	Welsh Pony
Meirch P Wraggynog Farm Llanay Knighton Rads	Welsh Cob	Pugh H Brynwg Farm Three Crosses Dunvant Glam	Welsh Cob
Merthyr Lord Hean Castle Saundersfoot Penbrosksh	Welsh Pony	Pugh J & J K Pencwmawr Llanbysted Cardiganshire	Welsh Cob
		Pugh Morgan Rev J A Begudyd Vaeagrae An ghton	
Miles Wm Berthillydd Farm Treharz S Glam	Welsh Pony	Rads	
Miler W S Forest Lodge Brecon	Welsh Pony	R	
Mills Edmund Garreg Llwyd Rhayader Rads	Welsh Pony	Raddell Cha les 19 Newport Road Cardiff Glam	Hackney
Mills Joseph Ddws Tynawr Farm Pontnrydygroes	Welsh Pony	Raddell Daniel Berthillydd Pontypridd Glam	Welsh Pony
		Raddell E Daniel Tal y Verrydd Pen y lan Cardiff Glam	Hackney
Ystrad Meurig Cards		Raddell Sam Palla St Brides super Ely Cardiff Glam	Shure
Montford A G Ivy House Church Stoke Mont	Shure	Railton Joseph P MRCVS Bulth Wells Brecon	Welsh Pony
Moon Norman L Llandrillo, Corwen Merioneth	Shure	Raiston W R Crawshaw The Bungalow Valley Angelsey	Hackney
Mores R F 84 Merchants Exchange Cardiff Glam	Welsh Pony	Rathbone W S Mynydd Bvchan Tremerchion St	Sh re
Morgan R C Barlas Farm Pyle Glam	Welsh Pony		
Morgan Chas P F Pentre Reynoldston Glam	Welsh Pony	Read Alfred Pen y Bont Mold Flintshire	Sh re
Morgan E MRCVS Tynawr Farm Pontnrydygroes	Welsh Pony	Read John C Northop Hall Northop Flintshire	Sh re
Ystrad Meurig Cards		Rees David Brechfa Farm Llangetho Cards	Welsh Pony
Morgan G L Poundell Elm Farm Three Crosses Dunvant	Welsh Pony	Rees David Llwyn y grant Farm Peryllan Cardiff Glam	Welsh Pony
		Rees Evan Park Ba h y Cystwood Cysty Br teward Glam	Welsh Pony
Morgan J Bristol House Brycethian Brndgend Glam	Welsh Cob	Rees Gwylherth The Pines Gwenton Swansea Glam	Welsh Pony
Morgan J Cogedawrt Nantmel Rhayader Rads	Welsh Pony	Rees James Bulchanawr Llanarth R S O Cards	Welsh Pony
Morgan Janet Egglislan Caerphilly Glam	Shure	Rees James Dukefield Three Crosses Glam	Hackney
Morgan John Bellinas Farm Reynoldston Glam	Welsh Pony	Rees John Llwyn y grant Penylan R Cardiff Glam	Welsh Cob
Morgan John Wern Farm Bow Street Card ganshire	Shure	Rees Kees Penruchaf Ty Croes Pantyllyn, Carn	Welsh Pony
Morgan Thos College Farm Llangatlog Brecon	Welsh Pony	Reynolds E J E Cross blanchie Street Dowla S Glam	Welsh Pony
Morgan Wm & Sons Gelly Ystradgynlais Brecon	Welsh Cob	Rees John Gwernwen Bulth Wells Breconshire	Welsh Pony
Morris D Deo d Glynrhith Henllan R S O Card	Welsh Cob	Richards D Ceforyddpont Farm Aberavon Cards	Welsh Pony
Morris Evan Cefn Coch Aberthaf Newtewn Mont	Shure	Richards D J Rhyd y Bompen Kent g Hill Glam	Welsh Pony
Morris F W Brynawerfen Fm Talyllyn Breconshire	Welsh Cob	Richards David Llanover Arms St Pontypridd Glam	Welsh Pony
		Richards Mrs E L Macelettter Erwood S O Brecon	Welsh Cob
Morris G M Pystyll Lland haegel Talyllyn Brecon	Shure	Richards G H Trenewydd Fawr Mathry Lletterston	Shure
Morris Geo Dredgwan H L Hawerddyn Penbrosksh	Welsh Cob		
Morris John W Brownslate Farm Penbroskshire	Sh re	Richards G Stanley Kettle Hill Fm Bishopston Glam	Welsh Pony
Morris M Penyglawdd Pentre Wrexham Denbighshire	Shure	Richards H W Brynhydd Talyston on Usk Brecon	Welsh Pony
Morris W The Pentre Llanymynech Mont	Shure	Richards John Llanusa Farm Pontypridd Glam	Welsh Pony
Morris W Old Cross Inn Ammanford S O Carmarthen	Hackney	Richards R Tydwad Pontypridd Glam	Shure
		Richards W Lotts Fm Walwyn Castle Haverfordwest	Shure
N			
Naylor Capt J M Leighton Hall Welshpool Mont	Shure	Richards W B Gwernndomen Farm Caerphilly Glam	Welsh Cob
Nicholas T Victoria Buildings Port Talbot Glam	Hackney	R cketts T E Trebarnt Talgarth Breconshire	Shure
		Riddick A T Trosy Parc Denbigh	Shure
O		Roberts John Church House Farm Llandysilio Llany	Shure
Openthaw 11 Brongran Llanachan Montgomerish	Shure	myrth Mont	Welsh Pony
Owen Edward Penrthelhem Garth Breconshire	Shure	Roberts John Maesteglyn, Towy Mer	Sh re
Owen John Penhor Farm Ruth n Denbigh	Shure	Roberts Owen, Myrtyn Isaf Gaerwen Angelsey	Welsh Pony
Owen Joshua K ng Arthur Hotel Reynoldston Glam	Welsh Pony	Roberts Mrs R A The Forge Cysty Brndgend Glam	Shure
Owen N Bennett Gwernafon, Caerwys, Mon	Welsh Pony	Roberts T Ty Gwre Brynnygwy Corwen Vmnoeth	Shure
Owen O T Rhosbaidg Ty Croes, Angelsey	Shure	Roberts Wm Gwredig Uchaf Llanerchmedd Angelsey	Shure
Owen T Dwyg Rhosogoch An, Jesej	Shure	Robison A Agent s House Fenny Pnry Brndgend Glam	Shure
Owen Thos Wite Hopion Wm Newton Mont	Shure	Rodnick G Berthillydd Farm, Aberdare Glam	Shure
Owen W Fferan Isaf Rhysogoch Angley	Sh re	Rogers Grogers Farm Llanfawr Pontypridd Mont	Shure
Owen Wm Penfeddwart L andy Pontardulais Glam	Welsh Pony	Rosier Wm Cefn Carfan Aberkent g Bryn Cethun Glam	Welsh Pony
		Rowe Thomas Llwynnyrgraw Dwrth Pen Glam	Shure
P		Rowland Henry Fm Fry Hill Reynoldston Glam	Welsh Pony
Pachar A Wern Isaf Farm Nelson Card ff Glam	Welsh Pony	Rowlands Harry D Malwshen Llandysilio Cards	Sh re
Parker T R Holt Wrexham Denbighsh e	Shure	Rowlands J J Copp ce Pen. 100 Quay Welshpool Mont	Sh re
Parker Herbert L The Manor Wrexham Denbighshire	Shure	Rowlands R Cwmhylog New Cross Aberystwyth Glam	Welsh Pony
Parker John Hadedd Llyn Rhosogoch Angley	Shure	Rowlands R D Aberlawn Llanfachreth Angelsey	Shure
Parry M H Brynnyg Upper Chapel Brecon	Welsh Cob	Rowlands W S Bodwana Gwalsdale Valley Angley	Shure
Parry Michael Yr yns Llanerchmedd Angley	Shure	Rowlands Wm Brenan New Cross Aberystwyth Card	Shure
Parry T R Holt Lodge Croes Lok a Wrexham Denb	Shure	Ruell A. Pant Dolau R S O Rads	Wel h Pony
Payne A E Penantant Ruabon Denbs	Shure		
Peel Myrion Dantall Llangadog Carn	Welsh Pony		
Phelps Thos G Cresselly Bregelly Pen	Welsh Pony	Sampson R chard Harry Brynnyg Pontardulais Glam	Welsh Pony
Phillips D Moel y gart Wel hpool Mont	Shure	Samuel O Ergwylch Bulth Wells, Breconshire	Welsh Pony
Phillips Sir O H Ceowb Llangan Glam	Shure	Samuel William St Cadog Dary Swansea Glam	Wel h Pony
Perce A R Cefn Ceowb Llangan Angley	Shure	Sanders Mrs R A Henblas Ystrad Meur g	Welsh Pony
PILKINGTON B E Bryn Tanak Llanafraid, Mont	Shure	Scott J H Penrygwyn Rhydydd Aberystwyth Card	Sh re
Platt Maj L J W Gorrindon, L lanfachreth Carns	Shure	Sedgheer Mrs M A & Sons Sydney House Liswenty	Sh re
		Cowbridge Glam	
Pleavyn G A Shortley Manor Hope Nr Wrexham Denb	Welsh Pony	Shearer Mrs E S Mount Seven Newtewn Mont	Shel and Pony
Plymouth 11 at St Agata, Cardiff Glam	Shure	Shaw J E Fm Waler Farm Park Hill R S O Glam	Welsh Cob
Powell C 1145 Wye Boughredd Rad.	Shure	Sim, Capt E F M Bangllyn Brecon	Wel h Pony
Powell Howell Pontyhatt Brecon	Welsh Cob	Skeats Thomas Whitchurch, Cardiff Glam	Sh re
Powell J Rabler Pen boat Rads	Welsh Pony	Skellem J R 5 Stanley St H htown Wrexham Denb	Welsh Pony
Powell J Abercynny Llandellaf Sennydd Brecon	Welsh Pony	Smith Dr D Lloyd Llandrindod Wells Rads	Wel h Pony
Powell T J Cefn Isarth Pen boat Rads	Welsh Pony	Smith W H Penrygwyn Fm. Taffs Well Cardiff Glam	Welsh Pony
Powell W H B The Dairy Rhosmedd Wrexham Den	Hackney	Smith Wm Croft Farm Oswach Glam	Welsh Pony
Price Earl of Powis Castle Welshpool Mont	Shure	Steadman D I. The Maesydd 100 Quay Welshpool Mont	Sh re
Price Frederick John Street Card ff Glam	Hackney	Storey T W T Glyndwrn Mostyn Flintshire	Sh re
Price B L Brynnygyn Ystradgynlais S. Wales, Glam	Welsh Cob	Storey A A Tythymwyn Rhydydd Aberystwyth Glam	Sh re
Price David Brynall Rhoslan a Towy Merioneth	Sh re	Swansea Lt Col Lord DSO NVO Glamorgwr	Welsh Pony
Price G & R, Denbighydd Knighton Rads	Welsh Pony	Brndgend, Glam	

Name and Address	Breed	Name and Address	Breed
T		W	
Talbot Nuss Margam Park Port Talbot Glam.	Welsh Pony	Walden Lord Howard de Ruabon Denbgh	Welsh Pony
Taylor Harry Port Off re Reynoldston Glam	Welsh Pony	Walters Oliver Nash Farm Prestegyn Rads	Sh re
Taylor Wm Bryntnnon Caergwile Flintshire	Welsh Pony	Walters R Turgwa dd Fm Wattstown Rhonda Glam (s)	Welsh Pony
Thomas A M Great Farm Llanmaes Llantwit Major Glam	Shure	Walters Thomas Maeswalter Sennybridge Brecon	We h Pony
Thomas Alec Capel Tydynt Llandilo Carm	Welsh Pony	Ward J T Pentrefreyching Church Stoke Montgomery (s)	Sh re
Thomas Andrew Lake Farm Reynoldston Glam	Welsh Pony	Waterworth James Iont y Gwiler Rhyll, Flintshire	Shure
Thomas D M Pentre Home Fm Bontath Pembroke(s)	Welsh Pony	Watkins W Trevor Hengoed House Hengoed Glam (s)	Hackney
Thomas D R Tynarall Stud, Talybont, Cardiganshire	Hackney	Watson John Court House Cascoeb Prestegyn Rads	Welsh Cob
Thomas D W Tynarab Clatrch Cards	Welsh Cob	Weatherly W H Llewellyn Casaw Buith Wells Brecon	Shure
Thomas Dav d Frened Penuch Llanghe tho Carm	Welsh Pony	Whitehouse T Dyffryn Dowlais Llantwit, Fardre Pontypridd G am	Welsh Pony
Thomas Dav d Glentaf Ferry Side Carmarthen	Shure	W ilcox John Sarn Road Aberkenfig Glam.	Wel h Pony
Thomas David Tithywood Pontardulas Carm.	Welsh Cob	Williams Mrs & Sons Llawrllan Crickadam Erwood S O	Wel h Pony
Thomas David Walterstone Farm Penmaen S O Glam	Shure	W iliams C S Mellington Church Stoke Mont (s)	Shure
Thomas E S Teuchy n Hakin Bodorgan Anglesey (s)	Welsh Cob	Williams D D Y Iron Tregaron Cards (p)	Welsh Pony
Thomas Evan Clwydyronen Welshpool Mont.	Welsh Pony	W iliams D L L Gra glawr Caerphilly Glam	Welsh Pony
Thomas Evan Llwyngwmaist Llantrisant Glam	Welsh Pony	W iliams E D Tyddyn Hwdd Ty Croes Anglesey (p)	Welsh Cob
Thomas Evan Yscuborwen Talis Well Card ff Glam	Welsh Pony	W iliams E J Brynhyfryd Bodorgan Anglesey (s)	Sh re
Thomas George Stormy Fm Kenf ghill Bridgend Glam	Welsh Pony	W iliams Edward Blanydyu Llangende rne Carm	Welsh Cob
Thomas J The Mill Treddol Glandyff Card	Welsh Cob	W iliams Evans Corner House Farm Swansea Glam	Welsh Pony
Thomas J H Penbank Llanfihangel y Creuddyn Aberystwyth Card	Welsh Cob	W iliams F E The Hem Forden Welshpool Mont	Sh re
Thomas J S Old Golden Lion Lower Cwmtyrch Swansea Glam	Welsh Cob	W iliams Rev G G Cwynle Cottage Cwynle Carm	Welsh Pony
Thomas John Berthlywyd Llandilo Carm	Welsh Cob	Williams G H & Son New House Causton Cardiff	Shure
Thomas John E Penlan Penybont Rads	Shure	Williams M ss Gwldys M Llantwit Vardre Pontypridd Glam	Welsh Pony
Thomas John F Penybod Fm Penbrey Carmarthenshire	Welsh Pony	Williams T Tynant Farm Llantwit Vardre Pontypridd Glam	Welsh Pony
Thomas Morgan Newyddfach Gwynne Llandilo Cards	Hackney	Williams Isaac P Caerbon Fm Abercraze Brecon	Welsh Pony
Thomas Owen H ggate Llanerchymedd Anglesey	Shure	Williams J Maebanor Capl Bangor Aberystwyth Card (s)	Sh re
Thomas Richard Twyn Nanigard g Carmarthenshire	Welsh Cob	Williams J H Castellid Pontardulas Glam	Wel h Pony
Thomas S Margam Port Talbot Glam (s)	Welsh Cob	Williams J L Penyrosedd, Cemlyn Cemaes Bay Anglesey	Shure
Thomas T Maceysg Pen-coedae Pontypridd Glam	Shure	Williams J R Trefri Aberffraw Anglesey (s)	Shure
Thomas T P Cwmvay Farm Llanmadoc Reynoldston Glam	Welsh Pony	Williams John Tanquaerri Brant, Llandilar Cards.	Welsh Pony
Thomas Thos Cwmaubach Carmarthen	Shure	W iliams Joshua Brynillies Rhydydd Cards	Welsh Cob
Thomas Thos Tynyoth Ponthurwen Llechryd Cards	Welsh Cob	W iliams Col L Parciau Tyn y Gwngl Anglesey (s)	Shure
Thomas W Tycanol Ferry de Carm	Welsh Pony	W illiams Mrs M T Te Crossways r Cowbridge Glam	Welsh Pony
Thomas W Wynydd Mayo Groeswen Talis Well Cardiff Glam	Shure	Williams Owen J P The Crossways Cowbridge Glam (s)	Shure
Thompson Wm Celyn Fa m Leeswood Mold Flint	Shure	Williams Capt R D M R C V S Penylan Aberystwyth Carm	Welsh Pony
Tompkinson Jas Plaford-ddwr Deubigh	Welsh Pony	Williams & Steel Belgrave Moat Fm Pulford Wrexham Denbigh	Sh re
Turner Evan, Surlage Villa Reynoldston Glam.	Welsh Pony	W iliams T Brynheulog Llantwit Vardre Pontypridd Glam.	Welsh Pony
		W iliams T Caerdy Welsh St Donat's Combridge Glam (s)	Sh re
		W iliams T & Son Llwynderw Whitland Carmarthen	Sh re
		W iliams T R Scythroe Brecon	Sh re
		Williams Thomas Castellid Pontardulas Glam	Sh re
		W iliams Thos The Gaer Forden Welshpool Mont (s)	Sh re
		W iliams Thos Lower Buildings, Eytan Wrexham Denb	Sh re
		Williams W Llwyngodol, Carmarthen	Sh re
		W iliams V Lwll yark I leryn Carmarvon	Sh re
		W iliams W S Pandra n Pontypridd Glam.	Welsh Pony
		WILLIAMS-OWEN MRS M A. Trevellyr Anglesey (s)	Sh re
		W ilson Comm Alec T R N Garth House Garth Brecon	Wel h Pony
		W ilson J A Tychach Merthyr Cyfnog Brecon	Wel h Pony
		W ilson R P Fonaat Manafon Berrow Montgomery (s)	Sh re
		Wood B Crompton, Iare Fostyn Ffrow Denbgh	Sh re
		Wynn, S R Wt Wynnstay Ruabon Denbghshire	Sh re

U

University College of North Wales Aber Bangor Carm. (s)	Shure
University College of Wales The Aberystwyth Card (s)	Welsh Pony

V

Vaughan John Rhallid Welshpool Mont	Shure
Vaughan T H Caerffyllo Llanerf Welspool Mont.	Welsh Pony
Vivian Rear-Admiral A Walker Henegae Clyne Castle Blackp ll Swansea Glam.	Welsh Pony

JUGO-SLAVIA:

The Secretary of one of the leading Societies of Stock Breeders, the Members of which are chiefly interested in the Breeding of Black-coated Pigs, is anxious to receive offers of English Breeders of Pedigree Black Pigs for Delivery, Spring, 1929—

Required: 12 BOARS, age 18 months,

16 in-pig SOWS, age 14-20 months.

Prices to be quoted C.I.F. Fiume.

Correspondence to be addressed "Black Pigs," Belgrade, c/o International Directory of Pedigree Stock Breeder 23, Fleet Street, London.

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
Blackwell E Ballahard h kbridge	Friesian	Ellis Percy Rockmount Icel	Friesian
Blackwell John Duncan Ballamoor Jurby	Friesian		
Doyes W Hani Henry Auburn Cottage Ramsey	Friesian	Fayle Robert Staward Farm Sulby Lezayre	Shorthorn
Beavrey W Ballakraig Moor Maughold	Shorthorn		
Burrows W & Son Whitehouse Mchael	Shorthorn	Gale Edward Ballacole Brnde	Shorthorn
		Gale J H Ballakington Onchan	Shorthorn
		Gill R C Ballavarry Andreas	Shorthorn
Ca n J L Canlock Braddan	Shorthorn		
Callister J Ballavich Marown	Shorthorn	Hamson Joseph W Ballathoar Ballaugh	Shorthorn
Callow Lewis Port o Chee Farm Braddan	Shorthorn	Harrison L Ballaterson Ballaugh	Shorthorn
Capwell E & T Ballateare Jurby	Shorthorn		
Christ an J J Braust Andreas	Shorthorn	Jelly E & B Ballamodda Baldwin	Shorthorn
Christ an W h rby Douglas	Shorthorn	Jelly E H Ballavarr Ramsey	Shorthorn
Christ an W C Ballacore Andrea	Shorthorn	J enough J Ballavarr Patrick St Johns	Shorthorn
Clague W Ballagucanus Lonan	Shorthorn	Kermeen H E The Kella Lezayre	Shorthorn
Clark J E Ballagucanus Mount Rule Marown	Shorthorn	Kermode G F Pulrose Douglas	Shorthorn
Co k K Ballamengh Lonan	Shorthorn	Kernode S W h onson Fodale	Shorthorn
Corbin W F Ballagareahyn S Johns	Shorthorn	Kinrade J D Bretney Jurby	Shorthorn
Corle r A B B Cronkould Ballagh Douglas	Shorthorn	Kneen E C Braust Andreas	Shorthorn
Corlett E T Gr v ille Onchan	Shorthorn	Kneen R T & Sons Castletown	Shorthorn
Corlett L T Cronk Andreas	Shorthorn	Kneen T H Ballaterson Moor Ballaugh	Shorthorn
Corlett R L J Corvally Ballagucanus Douglas	Shorthorn	Kuiveton Norman Baloos Onchan	Friesian
Corr ode J Balla nane Andreas	Shorthorn	Kuiveton Thomas W Kerroodloo Onchan	Friesian
Corr o Tom Schooley Corley	Shorthorn		
Corn W B Dalapont ey Santon	Shorthorn		
Cotter A u Hugh Andreas	Shorthorn	Moore Caesar Nursery Howe Braddan	Friesian
Cott W F Balla nane Braddan Douglas	Shorthorn		
Coul J J Baidroma Lman	Shorthorn		
Cow J J J reto Crosby	Shorthorn	Quark D H Ballavarr sh Brnde	Shorthorn
C o k al Ra h Shergah Unio Peel	Shorthorn	Quark T J Ballacousahan St Johns	Shorthorn
Crookall E S Ballaharr Crosh	Shorthorn		
Cro e C & T Ingledene Lark V hael	Shorthorn	Sharpe J J Grest Lezayre	Shorthorn
Cunn n ban J oseph El chel e Farm Marown	Shorthorn	Siene Dr L H Mental Hosp tal Braddan	Ayrshire
Cunnam W Glenca r Douglas	Friesian		
Dalgic B F S Jr Bal avattion e h Farm Peel	Shorthorn	Teare J J Ballaskilly Brnde	Shorthorn

Name and Address	Breed	Name and Address	Breed
Chris W C Ballacore Andras Cott R A C Laueh Andras	(sh) (f)	Shropshire Dorset Horn	
		Kussack P D Ballahon St Mark's Quark J C Ballavodan Andras	Shropshire Oxford Down

Name and Address	Breed	Name and Address	Breed
Noote W Balladoole Castletown	Glos Old Spots	Stevenson H V Balladoole Castletown	Glos Old Spots

Name and Address	Breed	Name and Address	Breed
Male J. T. Clype Mount Pleasant	Clydesdale	Forrester Thomas B. Port Soderick	Shire Clydesdale
Calter J. Ballantyne Maroon	Shire		
Clouston J. J. Braemar Ardeer	Shire	Norman L. Ballantyne Ballaugh	Clydesdale
Clouston W. C. Ballantyne Ardeer	Shire		
Clouston D. 41 All Street Douglas	Clydesdale	Norman G. P. Pulcrose Douglas	Shire
Clouston R. 101 Hartwood Ballantyne Braddon	Clydesdale	Norman T. E. Andraes	Shire

SCOTLAND

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
		Anderson John Titaboute Tarland Aberdeenshire	Aberdeen Angus
		Anderson John J. Wester Pucottie Cupar Fife	Aberdeen Angus
		Anderson R J Placemill Torquie Aberdeen	Shorthorn
		Anderson R J J Netlar Auchmarie Torquie, Huntly, Aberdeen	Shorthorn
		Anderson R L 36a Commercial St Lerwick Shetland (A)	Shetland
		Anderson R R W Auchinbove Lun phanan Aberdeenshire	Aberdeen Angus
		Anderson Robt Fingask House Old Melrum Aberdeen (A)	Shorthorn
		Anderson S C Quithelhead Crathes Aberdeen	Shorthorn
		Anderson T J Cairnfield Lerwick Shetland (A)	Shetland
		Anderson Thomas, Chikarroch Port William Wigtonshire	Galloway
		Anderson, Thomas Han nayoe Eshaness Shetland (A)	Shetland
		Anderson Thomas Scarff Eshaness Shetland (A)	Shetland
		Anderson W Saphock Old Melrum Aberdeen	Shorthorn
		Anderson William Greenskars Lathrie Banffshire	Aberdeen Angus
		Anderson Wm Wandlen Durris Aberdeen	Shorthorn
		Andrew Mrs A Gallenoch Leswalt Stranraer Wigton (A)	Ayrshire
		Andrew H, Lennoxlove Acredales, Haddington East Lothian (A)†	Friesian
		Andrew Thomas, Ravenslea Dunlop Ayrshire	Ayrshire
		Angus, A Upper Burnham, Netherley, Stenichaven Kincardine	Shorthorn
		Annes Mrs G R Burnturk Kingskettle Fife	Friesian
		ANGUS, R. L., Ladykirk, Monikie, Ayrshire	Ayrshire*
		Angus W Menie House Dalhousie Aberdeen	Shorthorn
		Archibald Robert Lismuness Kilmunzie Ayrshire (A)	Friesian
		Andargie Farms, The Forgandenny, Perthshire	Shorthorn
		Armstrong C W Langbarns Kirkcubright (A)†	Friesian
		Armstrong, J Castlehill Lockerbie Dumfriesshire (A)†	Ayrshire
		Armstrong T G A Glenelg, Isle of Arran, Argyll	Highland
		Arnot David R Mans of Idrail Forfarshire	Aberdeen Angus
		Arthur Alexander 10 Cairn Avenue Ayr	Ayrshire
		Arthur James Asta Tingwall Shetland (A)	Shetland
		Asylum Committee of Barony Parochial Board Woollee Linton Lanark	Ayrshire
		Atholl Duke of Blair Castle Blair Atholl Perth	Highland
		Auld Matthew, 5 West Flann, Crosshouse, Ayrshire	Ayrshire
His Majesty the King BALMORAL CASTLE, BALLATER, ABERDEENSHIRE	Highland Aber-Angus		
A			
Abel George East Leylode Kintore Aberdeenshire	Aberdeen Angus		
Abercromby Sir G Bt Forglie House Turf Aberdeen	Aberdeen Angus		
Aberdeen & Tennant The Marquis of Fiddo House Aberdeen	Aberdeen Angus		
Adair Hugh Whinnethall Lassall Fife	Friesian		
Adam David Throck Main's Birling (A)	Aberdeen Angus		
Adam J 41 Garrock Street Lanarkshire Kincardine	Friesian		
Adam James Lark Nairn (A)†	Friesian		
Adam John East Walkinshaw Taylors Renfrewshire	Friesian		
Adam Matthew Ashfield Farm Kithersay Bute	Friesian		
Adam William Bush Banburn Kincardine	Aberdeen Angus		
Adams C S Lister Helvie Classet Aberdeen	Shorthorn		
Adams John Nether Angaston Peterculter Aberdeenshire	Shorthorn		
Adamsen W S Carterston Castle Brechin Forfarshire	Aberdeen Angus		
Adamsen Walter Harleyholm Tinkerton Lanark (A)†	Ayrshire		
Adamsen J & Sons Home Farm Glassonby Kirkcubright Ayrshire (A)	Shorthorn		
Affleck George Greenhill Dalbeattie Kirkcubright (A)	Galloway		
Aikenhead Wm Auchtermuchty Carnoustie Forfarshire (A)	Shorthorn		

CATTLE BREEDERS-SCOTLAND

CATTLE BREEDERS—SCOTLAND

BAR-CAM

Name and Address	Breed	Name and Address	Breed
Barrow Wm Butterfield Dalriest & Kircubright	Ayrshire	Brown Robert Broompark Bankfoot Perth	Bred
Dalriest & Kircubright	Ayrshire	Brown Samu 1 Culrath Borek R Kircubright	Ayrshire
Barrow M T Dundas Dundas Office S Queensferry W Letham	Ayrshire	Brown Shortless Craze on Rd Kircubright	Ayrshire
Batchelor Alton Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Batchelor Franz Craze & Home on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
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Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
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Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
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Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
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Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
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Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
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Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayrshire
Barnum J A D Vinton on Forfar W Letham	Ayrshire	Brown W Ban Catherlag Castle Kircubright	Ayr

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Nairn	Lady F	1	Rankin	Douglas	Springfield	(P4)	Shorthorn	Price, James	Midleton Farm, Minkaville, Glasgow	(3)	Aberdeen Angus
	Efechure							Price, James	W. Fern, Ross-shire		Aberdeen Angus
Nairn H W	High Langside	4	Crane	Kilmacole	Avonshire	(4)	Ayrshire	Price, Wm	Barnegates, Alva, Dumfriesshire		Aberdeen Angus
Nairn James	Conelbith	Kilwinning	Ayrshire				Ayrshire	I canthly, G. W. West Drive Bridge of Lorn, I. Erthalshire	(4)	Shorthorn	
Nairn, Wm	Blackford	N. W. Glasgow	Ayrshire				Pule, James	W. H. By. Sandness, Shetland		Shorthorn	
Nairn Wm	Erchbank	Blagowrie	Leithshire				Purdie, A. H.	Konacraig, Kintyre, Argyll	(P)	Friesian	
Naper Charles	Nether Dallas	Boynside	Bariff				Potterous	David S. Launceston Castle, Montrose, Forfar		Aberdeen Angus	
Nasmith, Norman J.	Glen Lark	Abernethy	Pertshire	(4)			Porter, R. J.	Miliken Park, Johnstone, Renfrewshire		Ayrshire	
Nell	Landward	Stirling	Shetland				Prentice, John	Craigie Linn, Clackmannanshire	(4)	Friesian	
Neilson W M	Queenshill	Bogton	Kirkcubrightshire	(4)			Prentiss, J. J.	Stranmillis, Antrim, Antrim	(4)	Friesian	
Nicholson, George H.	Burnside	Kirkcubrightshire	(4)				Prentiss, John	Jr. Clackmannan, Dumfriesshire	(4)	Ayrshire	
Nicholson Peter	Setter Walls	Shetland	(4)				Pullinger	Thomas Charles, The Brae, N. Dumfries	(4)	Ayrshire	
Nicholson Steven	Bombay	Kirkcubright	(4)				Purdie, R.	Catherstonfield, Lochbar, Dumfriesshire	(4)	Friesian	
Nicol Mator R J	OBE	Bollogie	Aboyne	Aberdeen							
Nicol Wm	Mucklegarth	Gulberwick	Shetland								
Nicolson Wm	North Strithorn	Gulberwick	Shetland								
Nielson, James L.	Blackburn	W. Glasgow	Shetland								
Niven, Miss J M	Portallan	Errol	Pertshire								
Niven John	Lerrbarns	North Queensferry	Fife								
Niven John	Gloagburn	Tibberdore	Pertshire								
Niven Wm	Blackburn	W. Glasgow	Ayrshire								
Niven Wm S	Pittville	Carnoustie	Forfarshire								
Noble, D.	Reaves Farm	Black Isle	Ross-shire								
Noble R.	Balgair	Bridge of Allan	Stirling								
Norwood W	Cairn	Montgomerie	Aberdeen								
Norwood, Vincent	of Keith	Kirkcaldy	Fife								

C

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Name and Address	Breed	Name and Address	Breed
Waller, Wm., Drumrash Parton Kirkcudbright	Bild Galloway	Wilson, Hugh, Southmans, Sanguhar, Dumfries	(A) Ayrshire
Waller, Wm., Castle Douglas Kirkcudbright	Galloway	Wilson, Hugh Torcross Tarbolton Ayrshire	Ayrshire
Walterson, Miss Agnes, Honil, Sanjares, Shetland	Shetland	Wilson, J., Boylestone, Barredale, Renfrewshire	Red Poll Galloway
Walters, Arthur, Noxy Sandness, Shetland	Shetland	Wilson, J. & Son Thundergarth Mains Lockhart, Dumfries	Friesian
Wardrop David, Knocketta Cumnock, Ayrshire	Ayrshire	Wilson, James, Bankhead Farm, Lamlash, Dumfries	(A) Friesian
Wardrop, R. R., Bankend Cumnock Ayrshire	Ayrshire	Wilson, James, Mill O' S'leik, Harbushon by Ayr	Ayrshire
Wardrop, Robert, Roundshaw Auchinleck Ayrshire	Ayrshire	Wilson, James, Boghall Farm, Broomhouse Lanark	(A) Friesian
Wardrop, W. D., Ruz Auchinleck Ayrshire	Ayrshire	Wilson, James, Rowhouse Hurlford Ayrshire	Ayrshire
Warne, Major, Grand Collieston, Berwickshire	Ayrshire	Wilson, James, Westwae, Brice of Weir, Renfrewshire	(A) Friesian
Watson, Alexander, Barbour, Mauchline Ayrshire	Ayrshire	Wilson, James, Meadowbank, Mauchline, Ayr	Ayrshire
Watson, Alexander, Mains of Whitby Gamrie Banff	Shorthorn	Wilson, James, Westburn, Cambuslang, Lanark	(A) Ayrshire
Watson, Dr. Chalmers, Fenton Barns Drim East Lothian	Ayrshire	Wilson, James, Wester Jackson Macduff, Banffshire	Shorthorn
Watson, George, Old Craig Meekle Warle Aberdeenshire	Shorthorn	Wilson, John, Barneil, Girvan Ayrshire	Ayrshire
Watson, H., Mains of Dochrae Castle Douglas Kirkcudbright	Ayrshire	Wilson, John M. G., Kirkcubreck Creetown, Kirkcudbright	Galloway
Watson, J. H., Avenham, Milhouse, Arvill	Highland	Wilson, John T. D., Saury, Fair Isle, Shetland	Shetland
Watson, James & Son, Meikle Ennaberr, Castle Douglas Kirkcudbright	Ayrshire	Wilson, P., Lawhill, Auchtermuchty, Perthshire	Shorthorn
Watson, James A., High Tarbag Ochiltree Ayrshire	Ayrshire	Wilson, Robert, Craig O' Neilston, Neilston Lanark	(A) Ayrshire
Watson, John W., East Tarellon Colyton Ayr	Ayrshire	Wilson, Robert, Manswae, Bridge of Weir, Renfrew	Ayrshire
Watson, Robert, Downkeen by Dunlee Forfarshire	Aberdeen Angus	Wilson, Robert P., Langquads, Beardslan Lanark	(A) Friesian
Watson, William, Muirton Mauchline Ayrshire	Ayrshire	Wilson, Stewart, Kenaby Fair Isle Shetland	Shetland
Watson, Wm., Slesperton Broombridge, Stirlingshire	Friesian	Wilson, Stewart, Springfield Fair Isle, Shetland	Shetland
Watson, Wm., Viewfield New Galloway Kirkcudbright	Ayrshire	Wilson, Thomas, Moydoun, by Ardrossan, Ayrshire	Friesian
Watson, William, West Silverford Gamrie, Banffshire	Aberdeen Angus	Wilson, Thomas, Leogh, Fair Isle, Shetland	Shetland
Watson, William, M. Thornhill Ayr	Ayrshire	Wilson, Walter, Inchmower, Buckie, Banffshire	Aberdeen Angus
Watt, Alex., Denwell Insh Aberdeen	Shorthorn	Wilson, Walter, Friesan, Broomlands Hawick, Roxburgh	Shetland
Watt, Robert, Drummond, Helmsburgh Dumfries	Ayrshire	Wilson, William, Harroobull, Tarbolton Ayrshire	Ayrshire
Watt, Thomas, Bashes Farm Paisley Renfrewshire	Friesian	Wilson, William, Barmgill, Camoch, Dumfries	Shetland
Watt, William, Buchananstone Insh Aberdeen	Shorthorn	Wilson, Wm., Drumdreg, Gartly, Aberdeen	(A) Aberdeen Angus
Watt, Wm. & Son, Camus Eskan Farm Helensburgh Dumfries	Ayrshire	Wilson, William, Dunbair, Stranraer, Wigtonshire	Ayrshire
Webster, Duthie, Collymne Tarves Aberdeen	(A) Shorthorn	Wilson, Wm., Laeg of Dunroar, Auldgrith, Dumfries	Ayrshire
Webster, Gordon, Balcorrod, Brechin Forfar	Aberdeen Angus	Wingate, David, Castlehill, Wishaw, Lanark	Ayrshire
Webster, James, Bridgefoot Newmachar Aberdeen	(A) Aberdeen Angus	Winter, E. & R., Culleew, Kilmurro, Forfarshire	Aberdeen Angus
Webster, William, Athelstaneford Drem East Lothian	Friesian	Wishart, F. W. F., Fiddies Forfar Union Station Aberdeen	Aberdeen Angus
Wedderburn, F. L. S., Ballhouse Largo Fife	Aberdeen Angus	Wishart, F. W. F., Westerfields Duffus, Elgin, Morayshire	Shorthorn
Weir, Alexander, Kells of Southwick Dumfriesshire	Ayrshire	Wishart, John, Bendigo St. Ola Kirkwall, Orkney	Aberdeen Angus
Weir, James, Drumcruick, Thornhill, Dumfries	Ayrshire	Wishart, Robert, Torratwatt, Walls Shetland	Shetland
Weir, James, Sandilands, by Lankar	(A) Ayrshire	Wither, James, Ashuk Stranraer, Wigtonshire	Ayrshire
Weir, John, Invermayle Appin Argyll	Highland	Wolfe, C. R., Barry Mill, Saltoun Pentlands, E. Lothian	Shorthorn
Weir, John, Midtown New Abbey Road, Dumfries	(A) Ayrshire	Wood, A. H. E., Glasseil Aberdeen	Shorthorn
Weir, Robert, Toxnafoot Thornhill Dumfries	Ayrshire	Wood, A. W., Arson Farm, East Kilbride, Lanarkshire	Friesian
Wemyss & March, The Earl of, Gosforth, Longniddry, E. Lothian	Friesian	Woodburn, Alexander, Barley's Mauchline, Ayrshire	Ayrshire
Wemyss Capt. Michael, Red House Wemyss Castle, Fife	Ayrshire	Woodburn, Andrew, Holhouse, Galston, Ayrshire	Ayrshire
West of Scotland Agricultural College Farm Holmes Farm Culmarock, Ayrshire	(A) Ayrshire	Woodburn, Hugh, Killoch, Galston, Ayrshire	Ayrshire
White, C. D., Girdwell Inchture Perthshire	(P) Shorthorn	Woodburn, J., Castlehilltown, Lockhart, Dumfries	(A) Ayrshire
White, James W., Edgerfield Farm Loanhead, Midlothian	Friesian	Woodburn, Robert, Whitehill Hurlford, Ayrshire	Ayrshire
White, John, Balaick Lockertie Dumfries	Ayrshire	Wright, Alex. T., East Reston, Reston, Berwickshire	(A) Aberdeen Angus
White, Matt, County Veterinary Insp. Lerwick, Shetland	(A) Shetland	Wyllie, Joseph A., Barnbeth, Bridge of Weir, Renfrewshire	Friesian
White, T., Hightate Castle Douglas Kirkcudbright	(A) Ayrshire	Wyllie, David & W. Mosgiel, Mauchline, Ayrshire	Ayrshire
Whiteford, James Langcraigs Paisley Renfrew	Friesian	Wyllie, David & Geo. D., Hardgrove, Ruthwell, Dumfries	(A) Ayrshire
Whiteford, George Galdenais Newton Weir Renfrewshire	Friesian	Wyllie, Robt., Lochill Hough, North Berwick, East Lothian	Friesian
Whitton, J. W., Easter Jordanstone by Mergle Perthshire	Aberdeen Angus	Wyllie, Scott, Milton of Luncarty, Perth	(A) Shorthorn
Whyte, Alexander, Easter Drenon, Glamis Forfarshire	Aberdeen Angus		
Whyte, Archibald, Spott Kierremur Forfarshire	(A) Aberdeen Angus	Y	
Whyte, J. D., Mains of Orton, Orton Station Morayshire	Aberdeen Angus		
Whyte, James & J. L., Hayston Glamis, Forfarshire	(A) Aberdeen Angus	Yates Alfred, E., Locharrow, Ruthwell Dumfries	(A) Shorthorn
Williams, Alexander, Verhermaus Monymusk Aberdeen	Aberdeen Angus	Yool, Thos., Jednuck, Jedburgh, Roxburgh	Aberdeen Angus
Williamson, Messrs., Hall Kirkcubright Dumfries	Ayrshire	Young, Mrs., Parkhead, Fenwick, Ayrshire	Ayrshire
Williamson, A., Southern House Gluss Ollaberry, Shetland	Shetland	Young A., Garroch House, Dairy Galloway, Kirkcudbright	Galloway
Williamson, B., Lathern Mains Wick, Caithness	Aberdeen Angus	Young, G. J., Tarrell, Fearns, Ross-shire	Shorthorn
Williamson D. D., Auld Town of Caranous, Turfiff Aberdeen	Shorthorn	Young, George, High Street, Strichen, Aberdeen	Aberdeen Angus
Williamson, David H., Sypland, Kirkcudbright	(A) Ayrshire	Young, H. A., & R., Redhills Torthorwald, Dumfries	Ayrshire
Williamson, John, Gluss, Ollaberry, Shetland	(A) Shetland	Young, J., Nosswald Grange, Ruthwell, R.S.O., Dumfries	Ayrshire
Williamson, Peter, Saltness, Walls, Shetland	Shetland	Young, J. G., Cadell, Fearn, Ross-shire	Shorthorn
Williamson Walter, Melby Sandness, Shetland	Shetland	Young, Mrs. J. S., Southside, Troon, Ayrshire	(A) Ayrshire
Wills, Sir Ernest S., Bart., Meggernie, Glenalton, Perth	D. Shorthorn	Young, John, Crownst Farm, Larbert, Stirlingshire	Friesian
Wills, J., Neill Hamilton Invergowrie House, Invergowrie	Ayrshire	Young, John, Skerrington Mains Hurlford Ayrshire	(A) Ayrshire
Wills W. M. of Kiltilan & Pitt Stromeferry Ross-shire	Highland	Young, John, Waterside Mains, Thornhill, Dumfries	Ayrshire
Wilson, Alex., Capellie Farm Neilston Renfrewshire	Red Poll	Young, Lawrence R., Crofton, St. Andrew Street, Ayr	(A) Hereford
Wilson, Alexander, Thornley Park, Paisley, Renfrew	(A) Friesian	Young, Matthew, Goodhope, Johnstone Bridge, Lockerbie	Ayrshire
Wilson, Alex. M., Broomhillbank Lockertie, Dumfries	(A) Friesian		
Wilson, Andrew, Finlayston, Ochiltree, Ayrshire	Ayrshire	Young, Robert, Adamton Mains, Monkton, Ayrshire	Ayrshire
Wilson, C. & L., Auchinflower Dalnairae, Ayrshire	Ayrshire	Young, Robert, Drum, Kilkenny, Campbelltown, Argyll	Ayrshire
Wilson, Sir David, Bart., Carbeth Home Farm, Balfour Station Perthshire	Ayrshire	Young, Robert & Son, Guisna Weir, Dalrath, Ayrshire	Galloway
Wilson, F. W., Mains of Amagie, Elgin, Aberdeen	Shorthorn	Young, Wm., Craigmalt, Kinghorn, Fife	Friesian
Wilson, Francis, Gultrebrack, Kirkmichael, Perth	(A) Friesian	Young, Wm., Glencairn Farm, Campbelltown, Argyll	(A) Ayrshire
		Young, William, Threepwood, Galston, Ayrshire	(A) Ayrshire
		Younger, Mrs. Mount Melville, St. Andrews, Fife	Friesian
		Younger, Daniel, Wester Craughackie, Dundrumm Fife	Friesian
		Younger, Mrs. H., Ravenswood, Melrose, Roxburghshire	Jersey

INSURANCE, SEE PAGE XXIII.

For explanation of symbols see page XXI.

Name and Address	Breed	Name and Address	Breed
Chalmers, William, Summerfield Dumfries	(A) Bord Leicester	Douglas John Ashmark New Cumnock, Ayrshire	(c) Blackface
Chapman, Arch., Kaskadeale Turfhill Aberdeen	(cpk) Suff'k	Douglas R. Troax Ballantrae, Ayrshire	(A) Blackface
Chesior John L. Hillhead Tyne Fraserburgh Aberdeen	Bord Leicester	Douglas W S Upper Hindhope Jedburgh Roxburgh	Cheviot
Cheyne George, Monette Methlick, Aberdeen	Bord Leicester	Douglas William Galskirkbarn Yarrow Selkirk	Cheviot
Cheyne James, Incherra New Deer Aberdeen	(c) Bord Leicester	Douglas Wm Drumkirkbarn Hawick Ayrshire	Blackface
Chaplin George, Dryburn, Glasgow, Forfar	Blackface	Douglas William Shallochbarn Hawick Ayrshire	Blackface
Clachan J. Chappelton & Burns de Girvan, Ayrshire	(A) Blackface	Dowrie Thomas Auchencroft Sanguhar Dumfries	Blackface
Clapperton Mrs. E. M. Garwald Mains, Haddington E. Lothian	Cheviot	Drew James L. of Craighallie Doonhill Newton Stewart Wigtown	(A) Blackface
Clark, A. & W. Auchencroft Sorn Ayrshire	Blackface	Drummond I. Chas. Letterlin Dinnore Girvan Ayrshire	(A) Blackface
Clark James, Carkrock Ina Ayrshire	(A) Blackface	Drummond John Auchencroft Hawick Ayrshire	Blackface
Clark James, Chacehouse Muir Ayrshire	Bord Leicester	Duff W & D. Craighall Forcendean Perthshire	Bord Leicester
Clark James, Middlefield Muirkirk Ayrshire	Blackface	Duguid William, Darnford Dumfries Drumkirk Aberdeen	Bord Leicester
Clark James, Presthill Dimple Muirkirk Ayrshire	Blackface	Duncan M. & A. L. Bryce Newlands Dumfries	Suffolk
Clark James, Tulloch Darvel Ayrshire	Blackface	Duncan Allan E. Knowles de Maybole Ayrshire	Blackface
Clark, James, Waterhead, Muirkirk Ayrshire	Blackface	Duncan John High Polquhays New Cumnock Ayrshire	Blackface
Clark Sir James S. Dundas Castle South Queensferry	Suffolk	Duncan Com. John A. Maguire New Arbuthnot Forfar	(c) Suffolk
Clark, John Greenfield Newmains Ayrshire	Blackface	Duncan John Bryce Newlands Kirkmahoe Dumfries	(cpk) Suffolk
Clark T. & Sons, Oldhamstocks, Mains, Cockburnspath Berwickshire	Bord Leicester	Duncan P. Milltown of Arbuthnot Fordoun Kincardine	Cheviot
Clarison, A., Skirling Mill Bzear Lanark	Oxford Down	Duncan W. Butthead of Auchmooch Galston Ayrshire	Blackface
Clarison A., & Sons, Presthill Muirkirk Lanark	Bord Leicester	Dunlop A. T. Provally Bagg Ayrshire	Blackface
Clarison Robert, Bzear, Lammington Lanark	Cheviot	Dunlop Andrew T. Morrison Maybole Ayrshire	Bord Leicester
Clement, S. T. K. B. E. Blackburn Craigmole Lanark	(A) Cheviot	Dunlop J. Fardenroch Pinwherry Ayrshire	Blackface
CLEMENT, THOS., Greams, Howwell, Kirkcubright	(c) Cheviot	Dunlop J. M. Parish Holm Douglas Lanark	Blackface
Clyne George, Noss Farm Wick Cathness	Cheviot	Dunlop J. M. Butland Balerno Midlothian	Cheviot
Clyne, W. A. S. Stort Kirkcubright Mains Wick Cathness	Bord Leicester	Dunlop James Dobbingsstone Daily Ayrshire	Blackface
Cochrane, Alexander, Nether Craig Kilmarnock, Ayrshire	Bord Leicester	Dunlop Quintin Greenan Ayr	(c) Bord Leicester
Cochrane of Culis Lt.-Col. Lord Crawford Priory Springfield Fife	Dorset Horn	Dunlop Quintin Shalloch on Minnoch Bargaen	Blackface
Coldwell William Ward Kilmarnock Renfrewshire	Blackface	Newton Stewart Kirkcubright	
Colquhoun, Walter Stane Bzear Lanark	Blackface	Dunlop Robert Ballinloch Barhill Ayrshire	Blackface
Cooper, Peter D. Gunderston Peterhead Aberdeen	Bord Leicester	Dunlop Wm. Morrison Maybole Ayrshire	Blackface
Cool William Chapleton Kilburnie Ayrshire	Blackface	Dykes Mrs. Darnochmar Barhill Ayrshire	Blackface
Couper J. A. North Mains of Dun Montrose Forfarshire	(A) Bord Leicester	Dykes Wm. Hazellbank Strathaven Lanark	(A) Blackface
Cowie A. Gadeside Fm. Strachan Banchory K. near Dundee	Bord Leicester	Dykes William H. Home Farm Falkland Fife	Bord Leicester
Cox, M. G. Methven Castle Methven Perth	Bord Leicester		
Craig A. & W. Bankend Darvel Ayrshire	Bord Leicester		
Craig J. Alast. Burn Thornhill Dumfries shire	Blackface		
Craig James Ballinlochdown Ballintrae Ayrshire	Blackface		
Craig James Newthwood Muirkirk Ayrshire	(c) Blackface		
Craig John Glenlee New Cumnock Ayrshire	Blackface		
Craig John Guelst Cumnock Ayrshire	Blackface		
Craig John G. Dalser Ashill Lanarkshire	(c) Bord Leicester		
Craig John, Moor Polwhart Carsphairn Kirkcubright	Blackface		
Craig Wm. Craigdarroch Muirkirk New Cumnock Ayrshire	Blackface		
Craig William Glen New Cumnock Ayrshire	Blackface		
Crawford Andrew Auchencroft, Inverclyde Ayrshire	Blackface		
Crawford David, Stevensonhall Girvan Ayrshire	(A) Blackface		
Crawford James Dowhill Girvan Ayrshire	(A) Blackface		
Crawford John W. Kilburn Largs Ayrshire	(A) Blackface		
Crawford Peter Ayleburn Largs Ayrshire	Blackface		
Crichton Samuel Orchard Sanguhar Dumfries	Blackface		
Crosbie William Dalhousie Patna Ayrshire	Blackface		
CROSS, THOMAS, Knocknoll, Marjorie Ayrshire	(A) Bord Leicester		
CROSS, SIR WM. COAK, Bl. Seawall, Muir of Ord Ross-shire	Suffolk		
Cruickshank, Alexander Knappetty Naud Aberdeen	Bord Leicester		
Crystal James Pinnamooch G. ryan Ayrshire	Blackface		
Cunning Alexander Nether Kinton Dyce Aberdeen	Bord Leicester		
Cunningham William W. Allanferm Inverness	Bord Leicester		
Cuthbertson Archibald Lupus Farm Lezmahagow Lanark	Bord Leicester		
Cuthill J. Little Garcarly Farnell Brechin Forfar	(A) Bord Leicester		

D

Dagge Matthew Whitehillfold helio Roxburgh	Cheviot	Falconer James Pettig New Deer Aberdeen	Bord Leicester
Dalgleish R. Kerside Carsen Kirkcubright Dumfries	Blackface	Fallies William North Alver Fortes Morayshire	(f) Bord Leicester
Dalrymple Alex. Kiltedder New Luce Wigtownshire	(c) Blackface	Fallies James Cogswat Mains Barhill Ayrshire	Blackface
Davidson Alex. North Armby Methlick Aberdeen	Bord Leicester	Fallies William Lochmahar Carsphairn Kirkcubright	Blackface
Davidson G. Dunyvie Southy Carsta's June, Lanark	Bord Leicester	Farquhar John Marchlands Tyne Fraserburgh Aberdeen	Bord Leicester
Davidson Geo. F. Boghead Dunblair Turfhill Aberdeen	Bord Leicester	Fergus W. J. Springfield Lanark	Blackface
Davidson R. B. Gorch Strathon Ayrshire	Blackface	Ferguson Mrs. Grandminton Fravick Ayrshire	Blackface
Davidson S. Northair of Aucheddy Tarves Aberdeen	Bord Leicester	Ferguson J. A. Burrance of Conance By Lockerbie	Cheviot
Davidson William Auchencroft Colmoeck Ayrshire	Blackface	Ferguson J. C. West Auchencroft Mauchline, Ayrshire	Blackface
Davidson Wm. Shalloch on T. Colmoeck Ayrshire	Blackface	Ferguson R. Lochmone Dalry Kirkcubright	Blackface
Dempester Capt. J. Burford Dalry Ayrshire	Blackface	Ferguson W. S. Bonahall Coupar Angus Perthshire	(c) Blackface
Devis David J. Tower Sanguhar Dumfries	(c) Bord Leicester	Findlater George Jerviswood Mains Lanark	(A) Blackface
Devis J. G. Newburgh Fowlis Wester Crief Perthshire	Bord Leicester	Findlay Alexander Hayton Newtyle Forfar	Bord Leicester
Dickinson R. & W. D. Longcroft, Oxtou Berwickshire	Bord Leicester	Findlay Harry Merton Dundee Forfar	Bord Leicester
Dickson John Flemington Dolphontan Peeblesshire	Oxford Down	Findlay J. North Hill of Craigs Laurencekirk Forfar	Bord Leicester
Dickson R. W. Drumcraigh Haugh Broughton Peebles	Bord Leicester	Findlay James, Akedden, Muirkirk Ayrshire	Blackface
Dick, William Knockbarn G. ryan Ayrshire	Blackface	Finlay Mrs. Pymont Barr, Ayrshire	Blackface
Dobson Wm., Macchirill House Lamanoch Peebles-shire	Blackface	Finlayson Malcolm J. Mid Lundy Dome Perthshire	Blackface
Dodds John R. Ocarton Newtontown, Roxburgh	Cheviot	Finlayson Hugh Lochfield Darvel Ayrshire	Blackface
Dodds John E. Applelaw Dalkeith, M. Lothian	Bord Leicester	Finlayson J. W. Leithloch, Strathaven Glasgow South	Blackface
Donald James H. Harshaw Strathaven Lanark	Blackface	Finlayson James, Leithloch, Strathaven Lanark	Blackface
Donaldson Norman P. Ballinloch Dalfron Stirling	(A) Bord Leicester	Finlayson Wm. Overhouse, Darvel Strathaven Lanark	Blackface
Dougan A. Garsnaburn Colmoeck Ayrshire	Cheviot	Fletcher, D. Powell, Mains de Herlan Perthshire	(A) Blackface
Douglas, Andrew Southshire	Cheviot	Fletcher J. Laidlaw, Glasgow Ayrshire	Blackface
Douglas, George, Nigg Mains, Nigg, Ross-shire	(c) Bord Leicester	Fletcher Sir John Murrill Leithloch Perthshire	Blackface
Douglas J. R. Chanace Barr Ayrshire	Blackface	Forbes J. D. H. Jamieson Mains Ayrshire	Blackface
Douglas, James, Dalrymple, Barr Ayrshire	Blackface	Forbes A. D. Bruckley Castle Bruckley Ayrshire	Blackface

F

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Name and Address	Breed	Name and Address	Breed
Sloan Messrs Corsoncome New Cumnock Ayrshire	Blackface	Turner Miss L. C. Culhamag Whitehouse Argyll (chf)	Blackface
Sloan Alex Glenochil Fivioton Lanarkshire	Cheviot	Tweedale The Marquis of Yester Gifford East Lothian	Oxford Down
Sloan George Downan Ballantrae Ayrshire	Blackface	Tyson Thos Lagganrig Kilmarlock Argyll (c)	Blackface
Sloan Hugh Kirk Kirkcaldy Dunfermline	Blackface		
Sloan Hugh K. Hall Glenroese Hawthberry Ayrshire	1 Blackface		
Sloan James Drumshang Dunure Ayr	Blackface		
Smith Adam Clowrie Dalmington Ayrshire	Blackface		
Smith Alexander South Burnside Ayrshire	Bord Leicester		
Smith Andrew Craigman New Cumnock Ayrshire	Blackface		
Smith Mrs B. Drummond Pitcaple Aberdeenshire (chf)	Bord Leicester		
Smith C. Hay Belcampshire Slains Llion Aberdeen (ch)	Bord Leicester		
Smith, George Foster Northbleton Marford Banffshire	Bord Leicester		
Smith, George M. Smithown Kirkmahoe Dumfriesshire	Bord Leicester		
Smith George J. Culharg Newton Stewart Wigton	Blackface		
Smith J. R. C. Mowbray, Aclero Roxburghshire (c)	Blackface		
Smith James Brooch Dalmeingthorn Ayrshire	Blackface		
Smith, John Bents, Alford Aberdeenshire	Bord Leicester		
Smith Robert Capringstone Dreghorn Ayrshire	Bord Leicester		
Somerville J. A. Dalkeith Midlothian	Suffolk		
Somerville Wm. Gosanhill Carslars Lanarkshire	Bord Leicester		
Somerville Mrs. Shiel Carphairn Kirkcudbright	Blackface		
Spalding Wm. L. Balcombie Brechin Forfar	Bord Leicester		
Sper R. Orchard Fim Kilmorye Greenock Renfrew (c)	Bord Leicester		
Spence A. G. Longyear Gifford Edinburgh	Cheviot		
Sprot J. Mark Radcliff Lillies Roxburghshire (p)	Blackface		
Stuart The Earl of D.S.O. Loch Castle Kennedy	Cheviot		
Stewart J. Auchanharvie Montgreenan Kilmarnock	Blackface		
Ayrshire (h)			
STEELE, JAMES P., Stonecraze Kilmarnock Ayrshire	Bord Leicester*		
Steele John Alton Albany Whiteknocks Barr Ayrshire (h)	Blackface		
Steel John & Wm. Fardencroch New Cumnock Ayrshire (ch)	Blackface		
Steel Matthew Lermy Kilmarnock	Bord Leicester		
Steel S. Strang Philaugh Selkirk	Romney Marsh		
Steele T. J. & R. Debon, Douglas Lanark	Blackface		
Steele T. J. & R. Workfoot Douglas Lanark	Blackface		
Stephen John Overton Benwell's Naude Aberdeen (h)	Oxford Down		
Stevenson Allan 10 Landown Road Ayr	Blackface		
Stevenson John S. Ball's Ballantrae Ayrshire	Blackface		
Stevenson Wm. Crossburn Troon Ayrshire	Blackface		
Stewart David Y. Drumloch Blackford Perthshire (ch)	Bord Leicester		
Stewart James G. Eastertown B. gear Lanark	Bord Leicester		
Stewart John Saughland Tyneside Midlothian	Bord Leicester		
Stewart Wm. Woodhouse House Ceres Fife	Bord Leicester		
Stewart John F. Noranbank Forfarshire	Bord Leicester		
Stewart R. C. Newton Fim Midlothian Dalkeith Midlothian	Bord Leicester		
Stewart Thomas Glenlath Peebles	Blackface		
Stewart Clark Lady Dundas Castle South Queensferry	Cheviot		
Stoddart Cathers Leighton Humber Edinburgh (p)	Suffolk		
Strachan Patrick Fast Town Tarland Aberdeenshire (c)	Bord Leicester		
Strang James P. Kintocher Creffie Perth	Bord Leicester		
Strathmore & Kinghorn The Earl of Glamis Castle Glamis	Shropshire		
Forfar			
Struthers Alexander Dornal Cumnock Ayrshire	Blackface		
STRUTHERS, GAVIN South Hall, Strathaven Lanark (h)	Blackface*		
Struthers Robert Whitehill Fywick Ayrshire	Blackface		
Struthers T. Hyndshawland Listerie B. gear Lanark	Bord Leicester		
Sutherland James A. Oil girth Lerwick Shetland (ch)	Shetland		
Swan J. & Sons 6 Clifton Terrace Haymarket Edinburgh	Bord Leicester		
Swanson Wm H. Philps Mains West Fife Castlethness (chf)	Bord Leicester		
Syme T. Shingarton and M. Dickie's Farm Aspen Station	Dorset Horn		
Stirling			
T			
Tait Chas G. Aberdeen Arms Hotel Tarves Aberdeenshire	Bord Leicester		
Taylor A. W. Milnes of Forfar Fraserburgh Aberdeenshire	Bord Leicester		
Taylor Alex. Croshaw Farm West Kilbride Ayrshire (chf)	Blackface		
Taylor James Hill Farm Mauchline Ayrshire (c)	Bord Leicester		
Teller John Knockdack G. ryan Ayrshire	Blackface		
Teller John Dochra Ballantrae Ayrshire	Blackface		
Teller Thomas K. Hut Drummond Guran Ayrshire	Blackface		
Templeton G. Carnell Home Farm Hurlford Ayrshire (chf)	Bord Leicester		
TEMPLETON T. & M., Sandknowe, Kelso, Roxburgh (h)	Bord Leicester		
	Oxford Down		
	Bord Leicester		
Thom Robert C. Keithfield Tarves Aberdeenshire	Cheviot		
Thomson Capt E. G. Callands West Linton Peebles (h)	Cheviot		
Thomson J. Bushell Cockburnspath Berwickshire (h)	Bord Leicester		
Thomson J. Myrehead Manul Linnethrow W. Lothian (ch)	Bord Leicester		
Thomson J. M. Vaynals Gospar Angus Perthshire	Bord Leicester		
Thomson James Easter Manul Linnethrow West Lothian	Bord Leicester		
Thomson Moffat S. Lambden Greenlaw Berwickshire (h)	Oxford Down		
	Blackface		
Thomson Robert B. Waterhead New Cumnock Ayrshire	Blackface		
Thomson & Scotts Tynhill Ancrum Roxburghshire	Cheviot		
Thomson W. Newton Markinch Fife	Suffolk		
Thomson, W. A. Dalpeddar Saughbar Dumfries (chf)	Blackface		
	Cheviot		
Thorburn James Hanclars, Kelso Roxburgh	Bord Leicester		
Thorburn, M. G. Glenmorton Inverlathen Peeblesshire	Cheviot		
Todd Wm. Knockstane Monzie Dumfries	Blackface		
Torrance John Glenishat Ballantrae Ayrshire	Blackface		
Torrance John Whitehill Whitehouse Lanarkshire	Bord Leicester		
Tranent Co-operative Society Ltd. Tranent, East Lothian	Suffolk		
Tully John Howanhill, Teviothead, Hawick, Roxburgh	Cheviot		
Turnbull J. D. East Carmichael, London, Kilmarnockshire (c)	Bord Leicester		
Turnbull J. S. Smithson, Gatty Aberdeenshire	Blackface		
Turnbull, the late Wm., Lanchard, New Cumnock, Ayrshire	Blackface		

Name and Address		Breed	Name and Address		Breed
Y					
Young	Miss. Corseclay Ballantrae Ayrshire	Black	Young John Skerfington Mains Hurlford Ayrshire (ch)		Black
Young	Messrs. Bainbowall Ballantrae Ayrshire	Black	Young Lawrence R. Crofton St. Andrew Street Ayr (ch)		Black
Young	A. Bardenoch Carstairs Kirkcaldy	Black	Young Matthew Dalrymple Carstairs		Black
Young	David Druchtag Port William W. Glasgow (ch)	Black	Young Peter Ardach, Largsham Largs		Black
Young	H. A. R. Reddell Trobaird Dumfries (ch)	Black	Young R. Arnshorn Barnhill Ayrshire		Black
Young	John C. Blair Leven Ayrshire (ch)	Black	Young R. B. G. Cottage, Huntly Aberdeen		Black
			Youngman Alexander L. Bonbulla, Strathairn, Banffshire		Black

Pig Breeders.

Name and Address	Breed
<p>A</p> <p>Aberdeen Royal Asylum, Davy & Brannigan & Co. (c)</p> <p>Aberdeenshire</p> <p>Adam James, Park Farm (c)</p> <p>Affleck, G. Greenhill, Dalrymple Park, Dalrymple (c)</p> <p>Alexander W. Barker & Co., Park & Co. St. Andrew (c)</p> <p>Alban Brown, Braehead, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 8</p>	

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Name and Address	Breed	Name and Address	Breed
Cleghorn James Craighour Farm C Inverton Midlothian	Clydesdale	Cromart & The Countess of Tarbat House Kildary Ross-shire	Clydesdale
Clews David 25 W 12th St Street Dennis con Lanark	Clydesdale	Cross Mrs. Christ na Alca & Canon Bridge Ross shure	Clydesdale
Clews Lord Pettit 100 W 12th St Street Dennis con Lanark	Clydesdale	Cross David Inglishton B shopston Renfrew	Clydesdale
Clyde Thomas Clempshire Clempshire W gton	Clydesdale	Cross Donald T Alca & Canon Brdgr Ross shure	Clydesdale
Clouston J. Crameshall St Mary's Holm Orkney	Clydesdale	Cross Thos as hnoch ion Maibole Ayrshire	Clydesdale
Clouston T W Little Naves St Mary's Holm Orkney	Clydesdale	CROSS, SIR WM COAK, BT., Seatonville, Muir of Ord	Highland Ponies
Clyne George Noss Farm Wick Caithness	Clydesdale	Cruickshank A Ma ns of Auchred & Filton Aberdeen	Clydesdale
Clyne James of Anapack Bannockburn A koudieght	Clydesdale	Cruickshank George 10 Moss Street Ke th Banffshire	Clydesdale
Cochran Chas Parkhead Haldon gton Lothian	Clydesdale	Cruickshank James Castlereja re Kirkcubright	Clydesdale
Coats John Greenhill Lamington Lanarkshire	Clydesdale	Cruickshank James Ne kile Colp Turf H Aberdeenshire	Clydesdale
Cochran A Hugh Adwell Kirkholm Stranraer Wigtown	Clydesdale	Cruickshank James Mossfield 1 teaple Aberdeenshire	Clydesdale
Cochran Robert Craighenrosh Stonejark W gton	Clydesdale	Cruickshank James Northen Aberdeenshire	Clydesdale
Cochran Robert Portenall & Stranraer Wigtown	Clydesdale	Cruickshank John Kempton Tynholm Kirkcubright	Clydesdale
Cochrane Chas Parkhead Althly Erishire	Clydesdale	Cruickshank John W Loge Newton Roth & Norman Aberdeen	Clydesdale
Cochrane James Holmes Farm Kilmaronock Ayrshire	Clydesdale	Cruickshank Wm Redd eld Tynholm K rickubright	Clydesdale
Cochrane Matthew Ryemur r Lochmaben Dumfries	Clydesdale	Cullen Arch Wodden Glenbow Lanarkshire	Clydesdale
Cochrane W W Torror & Preston Mill by Dumfries	Clydesdale	Cullen James Westerhouse Car ue Lanarkshire	Clydesdale
Cockburn James Harcarde Dun Berwickshire	Clydesdale	Cummark Robert K lymington Kirkcunzean Dumfries	Clydesdale
Cocker John 100 W 12th St Street Dennis con Lanark	Clydesdale	Cumming Alex Alexander Nether k rton Dyce, Aberdeenshire	Clydesdale
Cocklejohn John Cockerhill D Cardonald Lanark	Clydesdale	Cumming Capt J F Upper Auchinlay Dunblane Perthshire	Clydesdale
Colquhoun John Cockerhill D Cardonald Lanark	Clydesdale	Cunningham Alexander Craighton Stewarton Ayrshire	Clydesdale
Connie John Drumme Cr eff 10th St	Clydesdale	Cunningham Wm Leemoor Carlisle Lanarkshire	Clydesdale
Connell A M Johnstone Castle Johnstone Renfrewshire	Clydesdale	Curren Alexander Cairn eld Farm Whauphill Wigtownshire	Clydesdale
Connell W ilson Golden Lea Houston Renfrew	Clydesdale	Curne Donald k pps Farm Coatbridge Lanark	Clydesdale
Connors J Netherfield Kennaugh Dumfries	Clydesdale	Curne Robert Pockley Hall Fenwick Ayrshire	Clydesdale
Connors W Blair Fintray k nald & Aberdeen	Clydesdale	Curne Robert k pps Farm Coatbridge Lanark	Clydesdale
Connors Wm Nether Coullie Monymusk Aberdeen	Clydesdale	Curne W lham Muir House Farm Cleland, Lanark	Clydesdale
Cook Alex Burnhouse Denny S r glshire	Clydesdale	Curne William Muirshill Dunlop Ayrshire	Clydesdale
Cook James Hamilton Ashwood Stranraer Wigtown	Clydesdale	Cuthill Alexander Whanland, Brech n Forfarshire	Clydesdale
Cook James M Alford Alford Aberdeen	Clydesdale	Cuthill James Little Carcary Farnley Brechin Forfarshire	Clydesdale
Cook Joseph, W 4 North gwell Auldridge Dumfries	Clydesdale	Cuthill Wm Cunnochie Mill Ladybank Fife	Clydesdale
Cook Thomas N Dorsell Alford Aberdeen	Clydesdale		
Cooper James Coll elaw Carlisle Lanark	Clydesdale		
Cooper James Howford Lanarkshire	Clydesdale		
Cooper James Lamboury k nald & Aberdeen	Clydesdale		
Copeland Wm Mactery Fyvie Aberdeen	Clydesdale		
Copland Adam Nibb stone Alford Aberdeen	Clydesdale		
Cormack Alex Shandwick Mans N gg Stat on Ross-shire	Clydesdale		
Cormack Alexander W d kess W ck Caithness	Clydesdale		
Corrie A Auchengreen Dumfries k rickubright	Clydesdale		
Cosgrove J Donald Northpark Bopur k rickubright	Clydesdale		
Craigall Wm. North B gang Harrat O kney	Clydesdale		
County of Lanark M dle Ward Distr ct Committee Hairmyres Colony Farm East h bide Lanark	Clydesdale		
Cropper J A North Mans of Dunbar Forfarshire	Clydesdale		
Cropper J D Whistler Farm R gend by Aldrind Lanark	Clydesdale		
Coutts, William Sandiloe Menzies Fraserburgh Aberdeen	Clydesdale		
Cowan Douglas S. W kile Greenway Rothsay Bute	Clydesdale		
Cowan Henry South Corbilly new Abbey Rd Dumfries	Clydesdale		
Cowan Robert k rickubright Balcarroth k nald & Aberdeen	Clydesdale		
Cowan W lham Inverness New Abbey, Dumfries	Clydesdale		
Cowdroy Lady Dunchet Aberdeenshire	Clydesdale		
Cowie G Home Farm Rothiemann Aberdeen	Clydesdale		
Cowie George W Bracken Turf Aberdeen	Clydesdale		
Cowie George W Easterlo Turf Aberdeen	Clydesdale		
Crabbe Capt John of Duncow Dumfries	Clydesdale		
Crabb & Miss Ada Mans el Blairhoyle Ruskie Stirling	Clydesdale		
Craig Mrs Agnes 13 Lochend Campbelltown Argyll	Clydesdale		
Craig Alexander Bellis eld H gh Blantyre Lanark	Clydesdale		
Craig Arch baid Shielburn East k lbride Lanark	Clydesdale		
Craig Charles, Oman K ncaoston Ayrshire	Clydesdale		
Craig Edward J The Burn Thornhill Dumfries	Clydesdale		
Craig Hugh k rickubright k nald & Aberdeen	Clydesdale		
Craig James Netherwood Murk k r Ayrshire	Clydesdale		
Craig John Collie M lton East k lbride Lanark	Clydesdale		
Craig John Westside, Nempthar Lanark	Clydesdale		
Craig John C Bishopston Kirkcubright	Clydesdale		
Craig George Waverly Plar Lanark	Clydesdale		
Craig Thomas Culcarnot Stonejark k r Wigtownshire	Clydesdale		
Craig Wm Couston, Aberdeen Fife	Clydesdale		
Craig Wm A Compentend Tynholm Kirkcubright	Clydesdale		
Craig & Jas J. Hutton & Shetland	Clydesdale		
Craig John Gretton Kirkcubright	Clydesdale		
Craig R R Ardu ore Edrington, Ross shure	Clydesdale		
Crawford, Arch baid Broughton Mans, Sorbie Wigtown	Clydesdale		
Crawford David M Site onessall Guran Ayrshire	Clydesdale		
Crawford H W B Fometh Cast & Douglas k rickubright	Clydesdale		
Crawford Hugh Fountainble Dumfries	Clydesdale		
Crawford J B Caigton Castle Douglas, k rickubright	Clydesdale		
Crawford J S Green eld Mu r Newton Glasgow Lanark	Clydesdale		
Crawford James Denny k rickubright Lanarkshire	Clydesdale		
Crawford James, Dowhill Guran, Ayrshire	Clydesdale		
Crawford James, Green kesse, Cambus, Ca lmanan	Clydesdale		
Crawford James Revnoch Howwood, Glasgow Lanark	Clydesdale		
Crawford John k rickubright k nald & Aberdeen	Clydesdale		
Crawford John W lham, Largs, Ayrshire	Clydesdale		
Crawford J W Dryfield Lerkberie Dum			

Name and Address	Breed	Name and Address	Breed
Nicol James G Wards Portlithen Kincardineshire	Clydesdale	Pettrew James Bankton Mid Calder Midlothian	Clydesdale
Nicol James W Cowhill Rothie Norman Aberdeen	Clydesdale	Philip Alexanr Home Farm Reswallie Forfarshire	Clydesdale
Nicol John Caudroth Fettercairn Kincardineshire	Clydesdale	Philip James South Brachmont Drummuok Aberdeen	Clydesdale
Nicolson Neil Auchmoyle Tighnabruach Argyll	Clydesdale	Philip John Dandelith Craigellachie Banffshire	Clydesdale
Nimmo John Craighero Winchburgh West Lothian	Clydesdale	Phillips C A Diddon Castle Douglas Kirkcubright (d)	Clydesdale
Nisbet George Annan Cardross Dumfriesshire	Clydesdale	Robert James Gars Kirkcubright	Clydesdale
Niven Alexander Colliarie Ladybank Fife	Clydesdale	Robert Esosa of Alexa of the Aiton Kilmarnock Ayrshire (c)	Clydesdale
Niven James Westing Uyeasound Shetland	Shetland Pony	Picken James Craigie Kirkcubright	Clydesdale
Niven Wm Estate Office Cairnry Ayrshire	Clydesdale	Picken James Milton Kircubright	Hackney
Niven Wm S Lillivie Carnoustie Forfarshire	Clydesdale	Picken Robert Kircubright Irvine Ayrshire	Clydesdale
Noble Alexander Lochard Dalpinn Perthshire	Clydesdale	Pickens Wm Thrapland Hagar Lanark	Clydesdale
Noble John Calah Kirkcubright Lanark	Clydesdale	Pinkerton James Bankhead Farm Glasgow Lanark (c)	Clydesdale
Noble Wm Kirkwood Mains Dalton Lockhart Dumfriesshire	Clydesdale	Pir James A C Little Daugh Huntly Aberdeen	Clydesdale
Nolte Hugh H Inche Strichen Aberdeenshire	Clydesdale	Pitcaithly G West Down Brlce of Larn Perthshire (c)	Clydesdale
O			
Ogilvie A Mains of Andestie Mountheth Arbroath Forfar (c)	Clydesdale	Pitcaithly Wm Sornfallow Lamington Lanark	Clydesdale
Ogilvie Alexander Balaunood Shetland	Shetland Pony	Penderle H Wilmam Sunwick Herwick	Clydesdale
Ouston Thomas Burradale Llyn Morayshire	Clydesdale	Pellock John Hodge of Glen Glencairn Perth	Clydesdale
O'Hagan Lord Purgie Park Haveriggton Bower Caithness	Percheron	Pellock David Logan House Canobee Dumfriesshire	Clydesdale
Orr Andrew Goldrath Farm Drymen Lanark	Clydesdale	Pellock Robert Loganwell Mearns Renfrewshire	Clydesdale
Orr Hugh Leuchter Kircubright	Clydesdale	Pellock W B Hawthorn Bishopston Renfrew	Clydesdale
Orr James Kircubright Dalruid Station Stirling	Clydesdale	Pellock Wm Topfold Blackford Perthshire	Clydesdale
Orr Wm Balgown Lochwinnoch Renfrewshire	Clydesdale	Pellock James C Westover Overton Strathaven Lanark	Clydesdale
Orr Wm Monkwood Mains Maybole Ayrshire	Clydesdale	Pelton John Woodhead Annan Dumfriesshire	Clydesdale
Orr Wm C South Biggart Lugton Ayrshire	Clydesdale	Percious David Babschall Jartion Kirkcubrightshire	Clydesdale
Osborne R & M Morton Mains Threthill Dumfriesshire (c)	Clydesdale	Percious John Cleugh Johnston Lockhart Dumfriesshire	Clydesdale
Osterton Wm East of Glasgow Fife	Clydesdale	Percious Wm Hg M Iton Leswalt W glown	Clydesdale
Osborne Wm F Nether Pratts Leven Fife	Clydesdale	Porter James Sauchlanloch Insh Aberdeen	Clydesdale
Ould John S Mearns Kircubright Forfar	Clydesdale	Pratt James Kircubright Uphall West Lothian	Clydesdale
Oswald John Northfield Dennistown Stirling	Clydesdale	Pratt Alexander A Upper Deonard Strichen Aberdeenshire	Clydesdale
Owens T Torr Auchencarr Castle Douglas Kirkcubright	Clydesdale	Prentice D Foushells Blackburn Bathgate W Lothian	Clydesdale
Owens Charles B Duntrone R Dundee Forfarshire	Hackney	Prentice George West Landslands Bgar Lanark	Clydesdale
Owen Alexander M Culnagoss Searle Wigtown	Clydesdale	Prentice James North Holm Grange Thackerton Lanark	Clydesdale
Owen John Evans Whithorn Wigtown	Clydesdale	Prentice John Bankhead Carnwath Lanark	Clydesdale
P			
Pace Ferner Ormiston Wm as Ormiston, Edinburgh (c)	Clydesdale	Prentice John Craze Farm Clackmannan	Clydesdale
Pack Mrs Helen Hutton Bishopton Renfrewshire	Clydesdale	Prentice John Keithall Farm Colinton Ayr	Clydesdale
Park John Gilston Polton Ost Fife	Clydesdale	Prentice Thos as Loancroft Udington Lanarkshire	Hackney
Park John Gryfflawas Houston Renfrew	Clydesdale	Prentice Thomas Wallace Farm Cardross Dumfriesshire	Clydesdale
Park John Northerton Bishopton Renfrewshire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Park John Setonhill Longniddry Edinburgh	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Park Matthew Hopner Wainman Fife	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Park Robert Brunstane House Portobello Midlothian (c)	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Park Wm Bankhead Farm Denny Stirling	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Park Wm Woodhead of Cairness Rathen Aberdeenshire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Parker Hugh Auchencarr Tynholm Kirkcubright (c)	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Parker John Balcraig Strathaven Glasgow	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Parker Mrs M W Hall Farm Lochwinnoch Renfrewshire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Pate A Redpath Duns Berwickshire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Pate John Stobhill Mains Humble East Lothian	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Pate Thomas James Benketts Lennaholm Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Pate Thomas Mains Dalruid Kircubright Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson A Bathorn Farm near Mains R.S.O. Lanarkshire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
PATERSON, ALEXANDER, Hall of Drp, Stirling			
Patterson Andrew Molins Farm Ccondrat Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson Mrs G Broadacre Mouswald Ruthwell Dunfermline	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson George Watson Doune Perth	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson Geo R Drumalton Thackerton Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson James Lochend Cottage Torphichen Aberdeen	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson James Jerrona Langhill Dumfriesshire (c)	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson John Gilmour Dalruid Stirling	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson John R The Beld Gargunnoch Stirling	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson Joseph A East Gilmour Mains Largo Fife	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson R Jardine Balgray Lockhart Dumfriesshire (c)	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson R Greenhills Carnwath Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson R Stirling Dalruid Kircubright Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson S Barr of Spotties by Dalruid Kircubright (c)	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson Thos Puncarty Strathgalloway Fife	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson W G The Old Inverordon Ross-shire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson Wm Candy Glenelg Perthshire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson Wm Keithen Monquhitter Turrill Aberdeen	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson Wm Poppletree, Stirling	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Paton James Kircubright Kircubrightshire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Paton Robert Wm as of a near Strathaven Wigtown	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Paterson John Yardford Farm Lochwinnoch Renfrewshire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Paterson Wm Stirling Dalruid Kircubright Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Patterson David Holmhill R. Baddo, Forfarshire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Pattullo Peter F H Bells Hill Brechin Forfar	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Paul J. B. St. John, Linlithgow	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Peacock John Swanton, W. B. Shetland	Shetland Pony	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Peat George Strathgalloway Liddington Lanark	Hackney	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Peat James Edgewood Cupar Fife	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Peat Wm, Manor Farm Stirling	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Peel Col Willoughby E D.S.O. Eaglescarr, Haddington	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
East Lothian			
Pender John Lathlain, Kinnoway Fife	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Pender George Lunden M. L. Largo Fife	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Pender Samuel Blairmuir, Campsie Glen, Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Perrins C. W. Dron, Andross, Alnwick, Ross-shire	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Peter George R. Strathgalloway, Liddington Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Petrie Wm W. Glenelg, Shetland	Shetland Pony	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Petrie Alexander 1st Pittendreich, Liddington Lanark	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale
Petrie John M.G., Mains of Auld, New Deer Aberdeen (c)	Clydesdale	Prentice Wm Fairhead Burnmouth Berwickshire	Clydesdale

[illegible]

NORTHERN IRELAND

Cattle Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Ma lean, J B Priestland Colera ne Co Londonderry	D Shorthorn	Nedwell R W Rockbrook Magherafelt Co Londonderry	Shorthorn
McLean Thomas, Lisnamorrow Magherafelt, Co Down	Shorthorn	Neely Thomas Ballybeg Abo Hill Co Antrim	Shorthorn
McMaster J, Salterstown Magherafelt, Co Londonderry	Shorthorn	Nesbit J D Ballynoney Coagh Co Tyrone	Shorthorn
Macmillan H J & J Clunty Clun House Castleduff Old Co Tyrone	Shorthorn	Nesbit John A Ballydagan Glenpatrick Co Down	D Shorthorn
McMillan John Balfagh Stranocum Co Antrim	Shorthorn	Nesbit T G Ballynoney Coagh Co Tyrone	Shorthorn
McMinn W J Corraney Dunganon Co Tyrone	D Shorthorn	Nesbit W A Beechgrove Dunganon Co Tyrone	Shorthorn
McMullan J & A Cruken Carnalbans Broughshane Co Antrim	D Shorthorn	Newell J A Ballydagan Balce Downpatrick Co Down	D Shorthorn
M Murray R Garvaghey Banbridge Co Down	D Shorthorn	Nicholson Cyril A Beech Hill Londonderry	Friesian
McNab Richard Clonker House Downpatrick Co Down	D Shorthorn	Nish J Holmeau Augher Co Tyrone	Friesian
M Neary T Goran Bla khill Colera ne Co Londonderry	D Shorthorn		Shorthorn
McNeigh T J Whitwell Road Belfast, Co Antrim	Irish Moiled		
M Neill A Owenduff Broughshane Co Londonderry	Galloway		
McNeill Da J Clontonacally Carryduff Co Down	Friesian		
McNab B Robert Ballymucklock Larne Co Antrim	Shorthorn	Oakey Thomas Limavady Co Londonderry	Shorthorn
McRoberts John Dunturkey Ballyclare Co Antrim	D Shorthorn	Ogilby Col R J L D S O Fellipar House Dungeness	Shorthorn
McVeigh R Hallis, Dunganon Co Tyrone	Shorthorn	O'Neill John British Crumlin Co Antrim	(A) Shorthorn
McVea T J Faur Knowe Whitewell Road Belfast, Co Antrim	Friesian	O'Rourke C North Street, Stewartstown Co Tyrone	Irish Moiled
McVee E B Knockanoney House Cookstown Co Tyrone	Shorthorn	Orr A Tonaghueve Saultfield Co Down	D Shorthorn
McVee K J Craigmaddy Stranocum Co Antrim	Shorthorn	Orr R Ballysudden Farm Cookstown Co Tyrone	Shorthorn
Nadill John, Cranhill Ballymena Co Antrim	Shorthorn	Orr W J Limavady Cottage Bembur Co Tyrone	Shorthorn
Nagel Wm Foynra Lissellav Co Fermanagh	Shorthorn	Oshorne W J W Campsey Londonderry	(sp) D Shorthorn
Nagel J Leburn Street Hillsborough Co Down	Shorthorn	Owens, S S Bratstown House Glenwherry Co Antrim	Galloway
Nagowan J Mullaghersy Downmore Co Tyrone	Shorthorn		
Nagowan J J Mountmore Loughilly Co Armagh	Shorthorn		
Nagure P J Drumswells Corraney Newtownbutler Co Fermanagh	Shorthorn		
Manderson P The Hill Crumlin Co Antrim	D Shorthorn		
Nann W H H Head Ca Indawson Co Londonderry	Shorthorn	Pakenham Col. H A CMG Langford Lodge, Crumlin, Co Antrim	Shorthorn
Marchbank J Agricultural School Greenmount Muckamore Co Antrim	Shorthorn	Palmer J Moneybag Moneymore Co Londonderry	Shorthorn
Mark J M Luma ady Junction Co Londonderry	D Shorthorn	Park J Knockahollet Belfast Co Antrim	Shorthorn
Mark M M Carrowmena Moy Co Londonderry (A)	Aberdeen Angus	Park John Legally Ballyclare Co Antrim	Shorthorn
Marshall D Kereghanna Moy Co Tyrone	Shorthorn	Parkes J Teemore Tandragee Co Armagh	Shorthorn
Martin Dr A G Manor House, Dung ven, Co London	Shorthorn	Patterson A Killynery Carryduff Co Down	D Shorthorn
Martin, Arthur Millmount Dundonald Co Down	Friesian	Patterson D Castlereagh Belfast Co Tyrone	Shorthorn
Martin Mrs. E S Laurel Hill Mouthorns Co Armagh	Friesian	Patterson G Laurel Cottage Moy Co Tyrone	Shorthorn
Mathews, Samuel Mountjoy Omagh Co Tyrone	Shorthorn	Patterson H Drumadraw Colera ne Co Londonderry	Shorthorn
Maxwell D Laurel Hill, Ballymacnabrenan Lisburn Co Down	Shorthorn	Patterson J Grange P O Moy Co Tyrone	Shorthorn
Mayers J Crosscaddie Drumcorm Colera ne Co London	Shorthorn	Patterson J Violet Hill Moy Co Tyrone	Shorthorn
Megaughin James, Ballybeg Aboghill Co Antrim	Shorthorn	Patterson John, Bellinson Mount Marah Lurgan Co Down	Shorthorn
Megaw J Lunsapark Tullybogue Dunganon Co Tyrone	Shorthorn	Patterson Old Racecourse Downpatrick Co Down	Irish Moiled
Megaw W J Ballyland, Ballynoney Co Antrim	Shorthorn	Patterson Mrs. L Kileaton Cottage Demaghy Dummory Co Antrim	Jersey
Miles J Gortstown House, Moy Co Tyrone	Shorthorn	Patterson T H Burns de Doagh Co Antrim	D Shorthorn
Miller J R Lurgay Sherrygrove Dunganon Co Tyrone	D Shorthorn	Patterson Thos Kilbricht Greyabbey Co Down	D Shorthorn
Miller Wm Ahagucally Aughastatten Co Antrim	D Shorthorn	Paul Alexander G Moylagh Glarryford Co Down	D Shorthorn
Miler R Drumcorm Farm, Moneymore Co Londonderry	Shorthorn	Paul S Ballinahoe Moy Maghera Londonderry	D Shorthorn
Miler Robert, Goughlin Stewartstown Co Tyrone	Shorthorn	Perry W Carnockhill, Maghera Co Londonderry	Shorthorn
Miler Thomas Ballyjo Antrim	Shorthorn	Perry James Ballyculter Hollywood Co Down	Friesian
Milken Hugh Ballyroan Newtownards, Co Down	Shorthorn	Pett crew Hugh Drumra Boardmills Lisburn Co Down	Shorthorn
Milner Robert, Gordonall Greyabbey Co Down, (s)	Shorthorn	Pettiford J & F R Eglah, Broughshane Co Antrim	Shorthorn
Milne R, Ballyreagh Pointpass Co Armagh	Shorthorn	Porter John F Gortnacra Mounjoy Omagh Co Tyrone	Friesian
Mitchell Capt W C Rathmoyle Helen's Bay Co Down (s)	Friesian	Porter W F Gortnacra Mounjoy Omagh Co Tyrone	Aberdeen Angus
Mitchell W J Larry Cornick, Moneymore Co Londonderry	Shorthorn	Price, Miss, The Cottage Oldpark Belfast, Co Antrim	Friesian
Mitchell W S Olanda Cra gavad Co Down	Jersey	Pringle H Moor Farm, Ballynoney Co Tyrone	D Shorthorn
Moffett, R Ballyreagh Cookstown Co Tyrone	Shorthorn	Furvis, S A Gort gal Stewartstown Co Tyrone	Shorthorn
Moffett, James Broughshane, Co Antrim	D Shorthorn		
Montgomery J Hill House, Slattabogue Maghera, Co Londonderry	Shorthorn		
Moore, D W Montilly Sion Mills, Co Tyrone	Shorthorn		
Moore H, Moore Lodge, Newry Co Down	Shorthorn		
Moore J, Carrowcagh Mossade, Co Antrim	D Shorthorn		
Moore J B, Clady Templepatrick, Co Antrim	Irish Moiled		
Moore, Kennedy & William, Ballymacanown, Mascosquin Colera ne, Co Londonderry	(st) Shorthorn		
Moore, M S Molenan Londonderry	Friesian		
Moore, R Priestland Colera ne Co Londonderry	D Shorthorn		
Moore W W J, Mullagherturband, Donaghmore, Co Tyrone	D Shorthorn		
Morrison H S M.D., Bellevue Blackhill, Colera ne, Londonderry	D Shorthorn		
Morrison, R Abode, Derryhaw Tynan Co Armagh	Shorthorn		
Morrison J A Manor Water House, Lisnaska, Co Fermanagh	Shorthorn		
Morrison John B J.P., Ballydrain, Dummory Co Antrim	Red Poll		
Morrow George Kinculee, Comber Co Down	Shorthorn		
Morrow John Herson, A roadie, Knockadee Park, Knock Hill, Co Antrim	Jersey		
Morrow S P Ardigon Ballyreagh, Co Down	Shorthorn		
Moutray Major A G Fa our Royal Augher Co Tyrone	Shorthorn		
Moutray M S T Treanmont, Moy Co Tyrone	Aberdeen Angus		
Mulgan James, Drumcorm, Corbett, Banbridge Co Down	Shorthorn		
Murdoch Alex, Haw Hill, Ringcreevy Comber Co Down	Friesian		
Murdoch, R W, Laure ale, Moy Co Tyrone	Shorthorn		
Murray James, Churchill, Craigla ad, Co Down	Friesian		
Murray J W, Ballyreagh House, Portadown, Co Armagh	Shorthorn		
Murray J B, Ardaraigh, Co Antrim	Shorthorn		
Murray J, Carrmacanown, Ballygowan, Co Down	D Shorthorn		
Murray J, Landozne, Ballyreagh Carrmacree Co Antrim	Friesian		
Murray P, Cooklinery Magherafelt, Co Londonderry	Shorthorn		

Name and Address

Breed

J

Jameson, H. J., Mullirodden, Dungancon, Co Tyrone	Shorthorn
Jameson, J., Kirkistown, Cloyfin, Coleraine, Co Londonderry	Shorthorn
Jameson, J., Ballyheather Burnedenett, Strabane, Tyrone	Shorthorn
Jardine, G., Ballygonney, Coagh, Co Tyrone	Shorthorn
Johnston, David J., Doraville, Killydass, Co Fermanagh	D Shorthorn
Johnston, Irvine Lisnack, Co Fermanagh	D Shorthorn
Johnston, T. J. K., Frannyville, Fintona, Co Tyrone	(U) Shorthorn
Johnston, John, Attamore House, Fintona, Co Tyrone	Shorthorn
Johnston, John, Moy, Co Tyrone	Shorthorn
Johnston, T. J., Aghakessallagh, Bush, Dungancon, Co Tyrone	Shorthorn
Johnston, W. Curraglass, Stewartstown, Co Tyrone	Shorthorn
Johnstone, T. E., Walkme, Bushmills, Co Antrim	Shorthorn
Jones, John, Mahon, Portadown, Co Armagh	Shorthorn

K

Kane, G., Quilly House, Coleraine, Co Londonderry	(p) Shorthorn
Kane, R., MacLennan, Portrush, Co Antrim	D Shorthorn
Keane, W. J., Moneymore, Co Londonderry	Shorthorn
Kells, W. J., Moneymore, Cookstown, Co Tyrone	Shorthorn
Kelly, George, Caledon, Co Tyrone	Shorthorn
Kelly, Sir S., Moyallon, Gilford, Co Down	Shorthorn
Kelso K. J., Meece House, Rock Dungancon, Co Tyrone	Shorthorn
Kennedy Mrs C. M., Vullaneen, Stewartstown, Co Tyrone	Shorthorn
Kennedy, Sir R. K. C. M. G. D. L., Cultra Manor, Co Tyrone	Jersey
Kerr, Robert, Mount Salem, Dundonald, Co Down	Shorthorn
Kerr, Robert, Clintynham, Stranocun, Co Antrim	Ayrshire
Kidd, J., Grove Hill, Loughbrack, Co Down	D Shorthorn
Kilgus, J. B., Holstone, Doagh, Co Antrim	Galloway
Kilgus, Joseph, Old Park House, Old Park, Belfast	Friesian
Kiley, H. W., Bloorhill, Dungancon, Co Tyrone	Shorthorn
Kirk, Mrs J. H., The Pines, Newtownbreda, Co Down	Jersey
Kirkpatrick, G., Linsawary, Augher, Co Tyrone	D Shorthorn
Knappe, Wilson, Ballyrea, Co Armagh	Shorthorn
Knox, J., Eagle Hill, Donaghadee, Co Down	Shorthorn
Knox, J. A., Lakeview, Lisban, Sandfield, Co Down	Friesian
Knox, Browne, Capt T. A. H., Aughenlame, Fivemiletown, Co Tyrone	Aberdeen Angus
Kyle, H. A. J., The Diamond Farm, Fintona, Co Tyrone	(p) Aberdeen Angus
Kyle, J., Craignagragh, Cullybackey, Co Antrim	Shorthorn
Kyle, R. H., Knocknisky House, Omagh, Co Tyrone	(p) Shorthorn
Kyle, W., Galloway Park, Gracehill, Co Antrim	D Shorthorn

L

Lagan, Patrick, Funanmore, Moneymore, Co Londonderry	Shorthorn
Lane, Atkinson, Mrs. Rush Hall, Linsavady, Co Londonderry	Galloway
Laughlin, J., Culmore House, Killes, Co Londonderry	(h) Shorthorn
Lavery, Edward, Drumade, Coagh, Co Tyrone	Shorthorn
Law, J., Grange House, Toomebridge, Co Antrim	Shorthorn
Law, John, Kilwarin, Hillsborough, Co Down	Shorthorn
Lawless, D. J., Tullydonnell, Rock, Co Tyrone	Shorthorn
Lawrence, A., Lisalbanagh, Magherafelt, Co Londonderry	Shorthorn
Lawrence, R. B., Moneyhew, Moneymore, Co Londonderry	Shorthorn
Lawrence, S., Glenview Farm, Quilly, Moneymore, Co Londonderry	Shorthorn
Leaman, Geo., Grangemore House, Armagh, Co Armagh	(h) D Shorthorn
Lees, A., Lubyran, Ardara, Stewartstown, Co Tyrone	Shorthorn
Legge, James, The Cottage, Ballycraig, Co Tyrone	Friesian
Leslie, J. G., Leslie Hall, Ballymore, Co Antrim	Hereford
LESLIE, R., Bellaghy, Co Londonderry	Shorthorn
Lindsay, E. C., Annavea House, heady, Co Armagh	Red Poll
Lindsay, Thos., Derry House, Crossgar, Co Down	(ph) Shorthorn
Linton, R. J., Burnfoot, Broughshane, Co Antrim	Irish Friesian
Linton, S. & T., Killycavan, Glarryford, Co Antrim	D Shorthorn
Lippett, J. J., Rylaby, Fivemiletown, Co Tyrone	Shorthorn
Little, S., Lismore, Lisnort, Ballycraig, Co Tyrone	Shorthorn
Little, T. C., Linsawary, Augher, Co Tyrone	Shorthorn
Livingstone, Samuel, Ballyspree, Fortliff, Co Down	Aberdeen Angus
Long, J. A., Ballyry, Magherafelt, Co Antrim	D Shorthorn
Long, Miss W. E., Culmore, Highlands, Linsavady, Co Derry	Shorthorn
Loughran, R. J., Orritor, Cookstown, Co Tyrone	D Shorthorn
Love, Isaac, Kileren, Glarryford, Co Antrim	D Shorthorn
Love, W. M., Foyleade, Brandy, Strabane, Co Tyrone	Shorthorn
Lowry, R., Riverside, Strabane, Co Tyrone	Shorthorn
Lowry, Lt. Col. R. T. G., Fomeroy House, Pomeroy, Co Tyrone	Shorthorn
Luke, A. & J. D., Ballyluzman, Aboghill, Co Antrim	(h) Shorthorn
Lundy, W. J., Carnick, 105, St. Peter's, Co Armagh	D Shorthorn
Lyle, J., Knockahilly, Belfast, Co Antrim	(h) Shorthorn
Lyle, Samuel, Islandmore, Ballymore, Co Antrim	Shorthorn
Lyons, W. J., Tully House, Moura, Co Down	Shorthorn
Lyons, Robert, Ballypaw, Ballymore, Co Antrim	Shorthorn
Lyons, J. J., Riverside, Newtownbreda, Co Tyrone	D Shorthorn
Lyons, R., Mountcastle, Donemona, Co Tyrone	Shorthorn
Lyons, Samuel, Moylra, Garvaghy, Co Londonderry	D Shorthorn

M

M'Adam Russell, Sycamore House, Upper Ballysillan, Co Lifford, Co Antrim	Friesian
McAlear, Joseph, Tullyhogue, Dungancon, Co Tyrone	Shorthorn
McAlear, Patrick, Pomeroy, Co Tyrone	Friesian
McAlonan, J., Killycavan, Glarryford, Co Antrim	Shorthorn
McAskie, J., Greely, Castlederg, Co Tyrone	D Shorthorn
MacAulay, Chas., Caugherty, Broughshane, Co Antrim	(p) Shorthorn
McBreen, G. H., Derrygonnelly, Co Fermanagh	D Shorthorn
McBride, J., Anahill, Hillmore, Co Down	D Shorthorn
McBride, J. Jr., Lisnagunagh, Bushmills, Co Antrim	D Shorthorn
McBride, S., Maughy, Broughshane, Co Antrim	D Shorthorn
McBride, W. S., Crossmaglen, Co Armagh	Shorthorn
McConnell, Wm. Cumnam, Master, Cookstown, Co Londonderry	Shorthorn
McCarroll, John, Clonkeen, Kandalstown, Co Antrim	Shorthorn
McCartney, W., Drunaney, Coagh, Co Tyrone	Shorthorn
McCaughy, T. J., Glush, Rathkenney, Co Antrim	Shorthorn
McCaughy, William, Credilly, Ballymena, Co Antrim	Shorthorn
McCauley, M. M., Drenagh, Linsavady, Co Londonderry	Shorthorn
McKay, Samuel, Froughla, Castlederg, Co Tyrone	(p) Shorthorn
McClellan, James, Ballygowan, Banbridge, Co Down	Aberdeen Angus
McClelland, R. H., Annobuch House, Loughall, Co Armagh	Shorthorn
McClelland & Roultan, Blackpark House, Drumconely, Co Armagh	Shorthorn
McClenahan, Jas. M., Rathfield, Co Down	(h) Jersey
McClenahan, Jas. M., Rathfield, Co Down	Aberdeen Angus
McClintock, M., Leymore, Ballymena, Co Antrim	(h) Shorthorn
McCluckey, J., Cneagh, Cookstown, Co Tyrone	Shorthorn
McClurgate, J., Ballyernstown, Lame, Co Antrim	Shorthorn
McClure, J., Gort-Gan, Kandalstown, Co Antrim	Shorthorn
McClure, R. E. & J., Cluntydoor, Orritor, Cookstown, Co Tyrone	Shorthorn
McCombe, Samuel, Drumard, Castlederg, Co Down	Shorthorn
McConnell, J., Ballacree, Killybeg, Co Down	D Shorthorn
McConnell, S., Glenearr House, Old Park, Belfast, Co Antrim	Friesian
McConnell, W. J., The Courthouse, Rathfriland, Co Down	Shorthorn
McCord, J., Gortague, Coalisland, Co Tyrone	(h) D Shorthorn
McCormack, A. E. & T., Brookend House, Stewartstown, Co Tyrone	Shorthorn
McCormack, James, Whitechurch, Ballywalter, Co Down	D Shorthorn
McCoish, David, Kinsilly, Broughshane, Co Antrim	Shorthorn
McCoish, Wm., The Courthouse, Rathfriland, Co Down	(h) D Shorthorn
McCoy, William F., Knockallmore Castle, Newtown, Co Fermanagh	Friesian
McCraican, John A., Carnickblack, Road, Portadown, Co Armagh	(p) Friesian
McCraican, John A., Carnickblack, Road, Portadown, Co Armagh	Shorthorn
McCracken, H., Drumahogue House, Newtownards, Co Down	D Shorthorn
McCracken, H., Drumahogue House, Newtownards, Co Down	D Shorthorn
McCrone, H., Beach Hill, Ballyjagan, Ballymore, Co Antrim	Shorthorn
McCrone, J., Samuel, Lisnagar, Ballymore, Co Antrim	Ayrshire
McCulloch, J., Drumard, Lissan, Cookstown, Co Tyrone	Shorthorn
McCulloch, W. J., Ballymoll, Coagh, Co Tyrone	Shorthorn
McCulloch, Samuel, Rosevale, Drogheda, Co Down	(h) Shorthorn
McCully, S. J., Growell House, Hillsborough, Co Down	Shorthorn
McCutcheon, James, Tigarave, All string, Co Armagh	(h) Shorthorn
McDowell, C., Hillview House, Moylagh, Berr., Co Tyrone	(h) Friesian
McDowell, H. A., Redmount, Ballybally, Co Down	Shorthorn
McElhannon, James, C. M., Altacoon, Cushendall, Co Antrim	Galloway
McElroy, James, Drumwhinney, Kesh, Co Fermanagh	Shorthorn
McEvoy, J., The Riverside, Jerrettspass, Newry, Co Down	Friesian
McEwen, Wm., Derlett, Moylagh, Berr., Co Armagh	D Shorthorn
McFadden, J., Granisaw, Kircubbin, Co Down	Aberdeen Angus
McFarlane, James, Killens, Mountfield, Omagh, Co Tyrone	Shorthorn
McGable, J. E., Ballymaguire House, Stewartstown, Co Antrim	Friesian
McGarvey, Jas., Dunmore House, Cookstown, Co Tyrone	Shorthorn
McGarvey M. & P. J., Drumard, Lissan, Cookstown, Co Tyrone	Shorthorn
McGowan, J., Torberville, Ballycastle, Co Antrim	D Shorthorn
McGuckin, Wesley, Durnaculm, Desertmartin, Co Down	D Shorthorn
McHenry, John, Lisburnett, Comber, Co Down	Friesian
McIlroy, Rev. R. J., Dervock, Co Antrim	Shorthorn
McIvor, J., Tullycray House, Cookstown, Co Tyrone	Aberdeen Angus
McKenney, H., Craughnaghy, Cullybackey, Co Antrim	Shorthorn
McKeag, J., Grange, Miltice, Co Down	D Shorthorn
McKee, D. G., Newmills, Dungancon, Co Tyrone	Shorthorn
McKee, Edward, Derryguy, Killybeg, Co Down	Shorthorn
McKee, F., Larkview, Moneyhew, Co Londonderry	Shorthorn
McKee, B. S., Ballygonney, Moneymore, Co Londonderry	Shorthorn
McKee, J., Camus House, Castleore, Coleraine, Londonderry	Shorthorn
McKee, S. J., Prospect House, Craigs, Co Antrim	Shorthorn
McKee, T., Tullybry, Moneyhew, Co Londonderry	Shorthorn
McKewen, H. J., Newmaghera, Hill, Coleraine, Co Londonderry	Shorthorn
McKelvey, W., Greenacres, Newtownards, Co Down	Shorthorn
McKenna, John, Creeve House, Cookstown, Co Tyrone	D Shorthorn
McKenna, J. & W. Drumard, Blackwater, Co Tyrone	D Shorthorn
McKenna, J. & W. Drumard, Blackwater, Co Tyrone	D Shorthorn
McKeown, J. & T. T., Tamlaght, Coagh, Co Londonderry	Shorthorn
McKinlay, A., Ballynagar, Dervock, Co Antrim	D Shorthorn
McKinney, J., Greenhill, Ballymore, Co Antrim	Friesian
McLaughlin, Wm., Valford, Co Armagh	Shorthorn
McLaughlin, J., Dunverker House, Bushmills, Co Antrim	Shorthorn
McLellan, F. H., Glanemane, Co Armagh	Shorthorn

Name and Address	Breed	Name and Address	Breed
Maclean, J. B. Priestland Coleraine Co. Londonderry	D Shorthorn	N	
Maclean, Thomas, Lisnomore, Magherafelt, Co. Down	Shorthorn	Nedwell R. W. Rockbrook Magherafelt Co. Londonderry	Shorthorn
MacMaster R. Galerstown Magherafelt Co. Londonderry	Shorthorn	Neely Thomas Ballybeg Aboahill Co. Antrim	Shorthorn
Macmillan H. J. Clinty Cl. en House Castlecauld old, Co. Tyrone	Shorthorn	Nesbitt J. D. Ballynagash Co. Tyrone	Shorthorn
McAuliffe John Ballinacagh Stranocum Co. Antrim	Shorthorn	Nesbitt John A. Ballydagan Downpatrick Co. Down	D Shorthorn
McConnell J. W. Cortaine Dunganon Co. Tyrone	D Shorthorn	Nesbitt T. G. Ballynagash Co. Tyrone	Shorthorn
McConnell J. & A. Cruiken Carnalbana Broughshane Co. Antrim	D Shorthorn	Nesbitt W. A. Beechgrove Dunganon Co. Tyrone	D Shorthorn
McMurray R. Garaghy Banbridge Co. Down	D Shorthorn	Newell J. A. Ballycland, Balke Downpatrick Co. Down	D Shorthorn
McNab, Richard Clogher House Downpatrick Co. Down	D Shorthorn	Nicholson Cyril A. Beech Hill Londonderry	Friesian
McNary T. Goran Blackhill Coleraine, Co. Londonderry	D Shorthorn	Nish J. Holmeau Augher Co. Tyrone	Friesian
McNeigh, T. J. Whitewell Road, Belfast, Co. Antrim	Irish Moiled Galloway		
McNeill A. Owenconghy Carnalbana Broughshane Co. Antrim		O	
McNeill David J. Clontarfally Carrduff Co. Down	Friesian	Oakey Thomas Limavady Co. Londonderry	Shorthorn
McNinch Robert, Ballymullock Larne Co. Antrim	Shorthorn	Ogby R. J. L. DSO Fellipar House Dunganon Londonderry	Shorthorn
McRoberts John Dunturkey Ballyclare Co. Antrim	D Shorthorn	O'Neill John British Crumlin Co. Antrim	Irish Moiled
McVeigh R. Bally, en, Dunganon Co. Tyrone	Shorthorn	O'Rourke C. North Street, Stewartstown Co. Tyrone	D Shorthorn
McVig, J. J. Fairy Knowe Whitehall Road Belfast Co. Antrim	Friesian	Orr A. Tonaghmore Saintfield Co. Down	D Shorthorn
McVey E. B. Knockaconny House Cookstown Co. Tyrone	Shorthorn	Orr R. Ballydugan Farm Cookstown Co. Tyrone	Shorthorn
McVicker J. Craigmaddy Stranocum Co. Antrim	Shorthorn	Orr W. J. Lisnacroy Cottage, Benburb Co. Tyrone	Shorthorn
Madill John Crankhill Ballymena Co. Antrim	Shorthorn	Osborne W. J. W. Campsey Londonderry	D Shorthorn
Magee Wm. Foydra Lisbellaw Co. Fermanagh	Shorthorn	Owens S. S. Braetown House Glenwherry Co. Antrim	Galloway
Magill J. Eskara Street Hillsborough Co. Down	Shorthorn		
Magowan, J. Mullaghacreevagh Donaghmore Co. Tyrone	Shorthorn	P	
Magowan J. I. Mountmorris Loughilly Co. Armagh	Shorthorn	Pakenham Col H. A. CMG Langford Lodge Crumlin Co. Antrim	Shorthorn
Maguire, P. J. Drumwords Coranny Newtownbutler Co. Fermanagh	Shorthorn	Palmer J. Moneyhaw Moneymore Co. Londonderry	Shorthorn
Maderson F. The Hill Crumlin Co. Antrim	D Shorthorn	Park J. Knockillet Belfast, Co. Antrim	Shorthorn
Manna W. J. Hillhead Castledown Co. Londonderry	Shorthorn	Park John Legally Ballyclare Co. Antrim	Shorthorn
Marchbank J. Agricultural School Greenmount Nuckamore Co. Antrim	Shorthorn	Parkes J. Teemore Tandragee Co. Armagh	Shorthorn
Mark, J. M. Limavady Junction Co. Londonderry	D Shorthorn	Patterson A. Killynure Carrduff Co. Down	D Shorthorn
Mark, M. M. Carravinnagh Myre Co. Londonderry	Aberdeen Angus	Patterson D. Castlereagh Belfast Co. Antrim	Shorthorn
Marshall J. Keshaghagh Moy Co. Tyrone	Shorthorn	Patterson G. Laura Cottage Moy Co. Tyrone	Shorthorn
Martin Dr. A. G. Manor House Dungiven, Co. Londonderry	Shorthorn	Patterson H. Drumahaire Coleraine Co. Londonderry	Shorthorn
Martin Arthur Millmount Dundonald Co. Down	Friesian	Patterson J. Grange P.O. Moy Co. Tyrone	Shorthorn
Martin Mrs. E. S. Laurel Hill Montmors Co. Armagh	Friesian	Patterson J. Violet Hill Moy Co. Tyrone	Shorthorn
Mathews Samuel, Mountjoy Omagh Co. Tyrone	Friesian	Patterson John Bellmount Marlin Lurgan Co. Down	Shorthorn
Maxwell, D. Laurel Hill, Ballymacbrannigan Lurgan, Co. Down	Shorthorn	Patterson J. Old Racecourse Downpatrick Co. Down	Irish Moiled
Mayers J. Crosscauld Drumcrom Coleraine Co. Londonderry	Shorthorn	Patterson Mrs. L. Ailteaton Cottage, Derragh Dunmurry Co. Antrim	Jersey
Megaughin, James, Ballybeg Aboghill Co. Antrim	Shorthorn	Patterson T. H. Burside Doagh Co. Antrim	Shorthorn
Megaw Wm. Tullybeg Dunganon Co. Tyrone	Shorthorn	Patton Thos. Kilnshelt, Greyabbey Co. Down	D Shorthorn
Meg W. J. Ballybayland, Ballymoney Co. Antrim	Shorthorn	Paul Alexander G. Moylagh Glarryford Co. Down	D Shorthorn
Miles, J. Gorstown House, Moy Co. Tyrone	Shorthorn	Paul S. Ballinacree More Maghera Londonderry	D Shorthorn
Millar J. R. Lurgay Sherrygrove, Dunganon Co. Tyrone	D Shorthorn	Pearce J. M. Keshaghagh Moy Co. Tyrone	Friesian
Millar Wm. Aughacully Aughacully Co. Antrim	D Shorthorn	Perry James, Ballyculter Holywood Co. Down	Shorthorn
Miler R. Drummer Farm Moneymore Co. Londonderry	Shorthorn	Petticrew Hugh Drumra Boardmills Lurgan Co. Down	Shorthorn
Miler Robert, Cloughina Stewartstown Co. Tyrone	Shorthorn	Petticrew J. & F. R. English Broughshane Co. Antrim	Shorthorn
Miler Thomas Ballymo Antrim	Shorthorn	Porter John, Ballynacree Ballygowan Co. Antrim	Friesian
Milken Hugh, Ballyroan Newtownards Co. Down	Shorthorn	Porter John F. Gortnack, Mountjoy Omagh Co. Tyrone	Aberdeen Angus
Milne, Robert, Gordonall, Greyabbey Co. Down	Shorthorn	Price Miss, The Cottage Oldpark Belfast Co. Antrim	Friesian
Milne R. Ballyragh Portapass Co. Armagh	Shorthorn	Pringle H. Moor Farm, Ballygawley Co. Tyrone	D Shorthorn
Mitchell Capt. W. C. Rathpoe, Helen's Bay Co. Down	Friesian	Purvis, S. A. Gortall Stewartstown Co. Tyrone	Shorthorn
Mitchell, W. J. Larry Cornuck, Moneymore Co. Londonderry	Shorthorn		
Mitchell W. S. Olinde Craigmaddy, Co. Down	Jersey	Q	
Moffett, R. Ballyragh Cookstown Co. Tyrone	Shorthorn	Quale, Hedley Strangford, Co. Down	Shorthorn
Montford, James, Broughshane, Co. Antrim	D Shorthorn		
Montgomery J. Hill House Slattabogge Maghera, Co. Londonderry	Shorthorn	R	
Moore D. W. Montilly Sion Mills, Co. Tyrone	Shorthorn	Raney A. Finvoy Ballymoney Co. Antrim	Shorthorn
Moore H. Moore Lodge, Newry Co. Down	Shorthorn	Raney A. Thorne Dairy Waterwell Road, Belfast, Co. Antrim	Ayrshire
Moore D. Carragh, Mossy, Co. Antrim	Shorthorn	Raney Rev. J. Enagh Manse, Ballymoney Co. Antrim	Friesian
Moore J. B. Clady Templepatrick, Co. Antrim	Irish Moiled	Raney, J. R. Rocklands, Aherabun, Co. Down	Red Poll
Moore, Kennedy & William Ballynacannan Mascoquin Coleraine, Co. Londonderry	Shorthorn	Raskin Dr. A. Newtown Maghera Co. Londonderry	Shorthorn
Moore, M. S. Molesna Londonderry	Friesian	Rea, M. Cumber House Ballynahinch, Co. Down	Shorthorn
Moore D. Priestland Coleraine Co. Londonderry	D Shorthorn	Reid A. Carlinity Craze Co. Antrim	Shorthorn
Moore T. & W. J. Nuiaghurthland, Donaghmore, Co. Tyrone	D Shorthorn	Reid H. H. Tullylough House, Banbridge Co. Down	Shorthorn
Morrison H. S. M.D., Bellevue, Blackhill, Coleraine, Londonderry	D Shorthorn	Reid, H. H. Tullylough, Glarryford, Co. Antrim	D Shorthorn
Morrison, J. Hillside, Derrybeg Tynan Co. Armagh	Shorthorn	Richardson C. Cobanagh House Moy Co. Tyrone	Shorthorn
Morrison J. A. Manor Water House, Lisnakea, Co. Fermanagh	Shorthorn	Robb, A. Rath, Rathfriland, Co. Armagh	Aberdeen Angus
Morrison John B. J. P. Ballydrain, Dunmurry Co. Antrim	Red Poll	Robb C. W. Woodside, 1 Oatdown, Co. Armagh	Shorthorn
Morrison George A. Kinnacra, Co. Down	Shorthorn	Robertson, Miss, Doolagh, Limavady Co. Londonderry	Friesian
Morrison John, Hillside, Ankeedone Park, Knock Belfast, Co. Antrim	Jersey	Robinson, A. Derry Lodge, Charlemont, Moy Co. Tyrone	D Shorthorn
Morrow S. P. Anderson Killybegh Co. Down	Shorthorn	Robinson, H. Killybegh, Co. Armagh	Shorthorn
Mostray Major A. G. Fa. our Royal, Aherabun, Co. Tyrone	Shorthorn	Robinson, John, Derryman, Glashan, Co. Tyrone	Shorthorn
Mostray M. S. T. Trevelount, Moy Co. Tyrone	Aberdeen Angus	Robinson, John A. Grange, Ballylough, Stranocum Co. Tyrone	Shorthorn
Mulgan, James, Drumcraugh, Corbett, Banbridge Co. Down	Shorthorn	Robinson, T. J. Derrybeg Portadown, Co. Armagh	Shorthorn
Munro, Alex., New Hill, Fingerville, Comber Co. Down	Friesian	Robinson, W. J. Enniscorthy House, Moy Co. Tyrone	Shorthorn
Munro, R. W. Laure, en, Moy Co. Tyrone	Shorthorn	Roscoe, H. Polack, Co. Armagh	Shorthorn
Murray J. A. Ballynagash, Co. Tyrone	Shorthorn	Rourke C. O. Stewartstown, Co. Tyrone	Shorthorn
Murray D. W. Ballynagash House Portadown, Co. Armagh	Shorthorn	Ruddell, Nelson, Laurel Mount, Lurgan, Co. Armagh	Shorthorn
Murray H. B. Ardaraugh Co. Antrim	Shorthorn	Russell, J. Portia, Randalstown, Co. Antrim	Shorthorn
Murray J. Carrmacanagh, Ballygowan, Co. Down	D Shorthorn		
Murray J. L. Lamlough, Ballyhenry Carrmacanagh Co. Antrim	Friesian	S	
Murray J. C. Cooberney Magherafelt, Co. Londonderry	Shorthorn	Saally Thos. Magherafelt, Ballycassie, Co. Antrim	Shorthorn
		Saally, George, Ankerland, Armagh	Shorthorn
		Saally, H. H. Newry, Hillside, Co. Antrim	Friesian
		Saally, J. J. Co. Londonderry	Shorthorn
		Saally, H. H. Craigmaddy, Newry, Co. Down	D Shorthorn
		Saally, J. G. Ballynagash, Co. Antrim	D Shorthorn
		Saally, W. J. Ballynagash, Co. Antrim	Friesian
		Saally, W. J. Ballynagash, Co. Londonderry	D Shorthorn
		Saally, C. J. Ballynagash, Co. Antrim	Shorthorn

Name and Address	Breed	Name and Address	Breed
J			
Jameson H J Mullerodden Dungancon Co Tyrone	Shorthorn	Madam Russell Scymamore House Upper Ballysullivan, Belfast Co. Antrim.	Friesian
Jameson, J Kirkistown Cloylin, Coleraine Co London derry	Shorthorn	McAleer Joseph, Tullybogue Dungancon Co Tyrone	Shorthorn
Jameson J Ballyheather Burdennett Strabane Tyrone	Shorthorn	McAleer Patrick Limerock Co Tyrone	Friesian
Jardine G Ballymoney Coagh Co Tyrone	Shorthorn	McAlonan J Killycavan Glarryford Co Antrim.	Shorthorn
Johnston David J Doralee Killadeas Co Fermanagh	D Shorthorn	McAuley J Greely Castleford Co Tyrone	D Shorthorn
Johnston Irvin J Carrick Co Fermanagh	D Shorthorn	McAuley Chas Caugherty Broughshane Co Antrim (p)	Shorthorn
Johnston J J H Cranneyville Fintonia Co Tyrone (f)	Shorthorn		(alloway)
Johnston John Attamore House Fintonia Co Tyrone	Aberdeen Angus		D Shorthorn
Johnston John Moy Co Tyrone	Shorthorn		D Shorthorn
Johnston T J Aghakinsallagh Bush Dungancon Co Tyrone	Shorthorn		D Shorthorn
Johnston W Curraghmore Stewartstown Co Tyrone	Shorthorn		D Shorthorn
Johnstone T E Walkmill Bushmills Co Antrim	Shorthorn		D Shorthorn
Jones John Mabon Portadown Co Armagh	Shorthorn		Shorthorn
K			
Kane G Quilly House Co Fermanagh Co Londonderry (p)	Shorthorn	McKay Samuel Iroughla Castleford Co Tyrone.	Shorthorn
Kape R Maculverine, Lortish Co Antrim	D Shorthorn	McClintock James, Ballygowan Banbridge Co Down.	Aberdeen Angus
Keane J Mull Moneymore Co Londonderry	Shorthorn	McClintock K H Annahugh House Louisa Co Armagh	Shorthorn
Kelley W J Limerock Cookstown Co Tyrone	Shorthorn	McClintock K Roulston Blackpark House Drumcully Co Tyrone	Shorthorn
Kelly George Caledon Co Tyrone	Shorthorn		(f)
Kelly Sir S Moyallan Galloway Co Down	Shorthorn	McClintock James Isabel Rathfriland Co Down	Jersey
Kelso K J No e House Rock Dungancon Co Tyrone	Shorthorn	McClintock Jas M Rathfriland Co Down	Aberdeen Angus
Kennedy Mrs C M Mullaneen Stewartstown Co Tyrone	Shorthorn	McClintock W Limerock Ballymena Co Antrim (f)	Shorthorn
Kennedy S R R C M G D L Cultra Manor Cra g saved Co Down	Shorthorn	McClintock J Crevagh Cookstown Co Tyrone	Shorthorn
Kennedy Robert Mount Salem Dundonald Co Down	D Shorthorn	McClintock J Ballycristown Larnac Co Antrim	D Shorthorn
Kerr Robert Clintymann Stranocum Co Antrim	Ayrshire	McClure J Gort-Ann Rathfriland Co Antrim	Shorthorn
Kidd J Grove H L Longbrackland Co Down	D Shorthorn	McCluskey L & J Clontarf Orritor Cookstown Co Tyrone	Shorthorn
Kileen J B Hodstone Doagh Co Antrim	Galway	McCombe James Drumacord Castlewellan Co Down	Shorthorn
Kingsmore Joseph H Old Park House Old Park Belfast	Shorthorn	McConnell J Bailoo House Hillnashy Co Down.	D Shorthorn
Killey H W Blomhull Dungancon Co Tyrone	Shorthorn	McConnell W J The Courty Rathfriland Co Down (f)	Friesian
K K Mrs J H The Pines Newtownbreda Co Down	Jersey	McConrad J Gortnagagh Coalisland Co Tyrone	D Shorthorn
Kirkpatrick G Limerock Augher Co Tyrone	D Shorthorn	McConrck A & T Brookend House Stewartstown Co Tyrone	Shorthorn
Kne W Isob Ballyrea Co Armagh	Shorthorn		
Knox J Eas e Hill Donaghadee Co Down	Shorthorn	McConne James W techurch Ballywalter Co Down	D Shorthorn
Knox J A Lakeview Lishan Sa atfield Co Down	Shorthorn	McConne James W techurch Broughshane Co Antrim	Shorthorn
Knox Browne Capt T A H Augheraine F vaneletown Co Tyrone	Aberdeen Angus	McCoubrey W Newgrove Spa Ballynahinch Co Down (f)	D Shorthorn
Kyle H A J The Diamond Farm Fintonia Co Tyrone (p)	Aberdeen Angus	McCoys W & F Anockballymore Castle Newtown butler Co Fermanagh	Friesian
Kyle R H Knockmole House Omagh Co Tyrone (p)	Shorthorn	McCracken John A Carrickblackler Road, Portadown, Co Armagh	Shorthorn
Kyle W Galgormer Parks Gracehill Co Antrim	D Shorthorn	McCracken H Cunna n, burn House Newtownards, Co Down	Shorthorn
		McCracken J Drumacord Newtownards Co Down.	D Shorthorn
		McCrone H Beach Hollow Ballyjagan Ballymore Co Antrim	D Shorthorn
L			
Lagan Patrick Finsmore Moneymore Co Londonderry	Shorthorn	McCrone Samuel Limerock Ballymore Co Antrim.	Ayrshire
Lane Athkisson Mrs Rush Hall Limerock Co London	Galway	McCulloch J Drumard Lissan Cookstown Co Tyrone	Shorthorn
Langhish J Culmore House Kilrea Co Londonderry (A)	Shorthorn	McCulloch Wm J Ballymullin Coagh Co Tyrone	Shorthorn
Lavery Edward Drumacord Coagh Co Tyrone	Shorthorn	McCulloch Samuel Rose ale Dromara Co Down (f)	D Shorthorn
Law J Grange House Toomebridge Co Antrim	Shorthorn	McCully S J Gowell House Hillborough Co Down	Shorthorn
Law John Kilwarlin Hillsborough Co Down	Shorthorn	McCauley James T grave all strach Co Armagh	Shorthorn
Lawless D J Tullydonnell Rock Co Tyrone	Shorthorn	McDowell C Hill ew House Moylagh Bera h Co Tyrone (f)	Friesian
Lawrence A Loughmashagh Maghera Co Londonderry	Shorthorn	McDowell H A Rockmount Ballyblack Co Down	Galway
Lawrence Rbt Moneyway Moneymore Co Londonderry	Shorthorn	McElroy James C M Altacoon Cushendall Co Antrim	D Shorthorn
Lawrence S Glenview Farm Quilly Moneymore Co Londonderry	Shorthorn	McElroy James Drumwherry Kesh Co Fermanagh	Shorthorn
Leenan Geo Grangemore House Armagh Co Armagh (s)	D Shorthorn	McEwen W Darlett, Mount Norris Co Armagh	Friesian
Lee A Lubyra Ardara, Stewartstown Co Tyrone	Shorthorn	McFadden J Granshaw Kircubbin Co Down	D Shorthorn
Legge James The Cottage Ballycarr Co Antrim	Friesian		Aberdeen Angus
Leslie J G Leslie Hall Ballymoney Co Antrim	Hereford	McFarlane James Killeas Mount id Omagh Co Tyrone	D Shorthorn
LESLEY E Ballybeg Co Londonderry	Red Poll	McFarlane J E Ballymore House, Stewartstown, Co Tyrone	Shorthorn
Lindsay E C Anahave House Aeady Co Armagh	Shorthorn		
Lindsay Thos Derry House Crossgar Co Down (pa)	Irish Holst	McGarvey Jas Dunmore House, Cookstown Co Tyrone	Friesian
Linton R J Burnfoll Broughshane Co Antrim	D Shorthorn	McGarvey M & P J Drumard Lissan Cookstown Co Tyrone	Shorthorn
Linton, S & T Killycavan Glarryford Co Antrim	Shorthorn		
Lipsy J T Killycavan F veltown Co Tyrone	Shorthorn	McGowan J Torberill Ballycastle Co Antrim	D Shorthorn
Little S Limerock Lishan Ballycarr Co Tyrone	Shorthorn	McGowan Wesley Drumaculion Desmartsan Co Down	Friesian
Little T G Limerock Augher Co Tyrone	Shorthorn	McHenry John Lushanett Coulter Co Down	Shorthorn
Livermore Samuel, Ballypore Pottery Co Down	Shorthorn	McIlroy J The R vey Drumaculion Newry Co Down	Aberdeen Angus
	Aberdeen Angus	McKay H Cra gnagharah Cullybaccy Co Antrim	Shorthorn
	D Shorthorn	McKeag J Grange Mullis Co Down	D Shorthorn
	D Shorthorn	McKee D G Newmills Dungancon Co Tyrone	Shorthorn
Long J A Ballyg Mageramara Co Antrim	Shorthorn	McKee Edward Prosperity Kesh Co Tyrone	Shorthorn
Long Miss W L Culmore Highlands, Limerock Co Derry	Shorthorn	McKee F Lake ew Moneymore Co Londonderry	Shorthorn
Loughran R J Orritor Cookstown Co Tyrone	D Shorthorn	McKee J B S Ballymore Moneymore Co Londonderry	Friesian
Love Isaac, Kircree Glarryford Co Antrim	D Shorthorn	McKee J Camus House Castleree Coleraine Londonderry	Shorthorn
Love V M Foyles e Bready Strabane Co Tyrone	Shorthorn	McKee J Prosperity House, Co Antrim	Shorthorn
Lowry R, Brady Strabane Co Tyrone	Shorthorn	McKee T Toney Moneymore Co Londonderry	Shorthorn
Lowry Lt-Col R D Pomeroy House, Pomeroy Co Tyrone	Shorthorn	McKeenan W J Movanager Hie Kilrea Co Londonderry	Shorthorn
Luke & J D Ballylunnam Aboghill Co Antrim	Shorthorn	McKelvey W Greengraves Newtownards Co Down.	Shorthorn
Lundy W J Carrickbrack Pottery Co Armagh	Shorthorn	McKenna John, Crevagh House, Co Tyrone	D Shorthorn
Lusk, J Knockaball, Belfast, Co Antrim	Shorthorn	McKenna J & T Drumard Blackwaterstown Co Tyrone	D Shorthorn
Lyle Samuel Islandmore Ballymoney Co Antrim (s)	Shorthorn	McKewna Felt Miltroytown Augheraine Co Antrim	D Shorthorn
Lyness W J, Tullyard House Moura Co Down	Shorthorn	McKeown J & J T Taulagh Coagh Co Londonderry	D Shorthorn
Lyns Robert Ballycarr Ballymore Co Antrim	Shorthorn	McKinnay A Ballycarr Derry, Co Antrim	D Shorthorn
Lyns J J Riverside Newtownstewart Co Tyrone	D Shorthorn	McKinnay Ballycarr Co Antrim	Friesian
Lyns K Mountcastle Donaghadee Co Tyrone	Shorthorn	McLauchlan Wm Milford Co Armagh	Shorthorn
Lytle Samuel, Moyleria, Garvagha Co Londonderry	D Shorthorn	McLaughlin J Dunasveragh House Bushmills Co Antrim	Shorthorn
		McLellan F H Glenanne Co Armagh	Shorthorn

Name and Address	Breed	Name and Address	Breed
Maclean, J. B. Priestland, Coleraine, Co. Londonderry	† Shorthorn	Nedwell, R. W., Rockbrook, Macabreit, Co. Londonderry	Shorthorn
McLean, Thomas, Lisnacarrow, Magherafelt, Co. Down	† Shorthorn	Neville, Thomas, Ballybeg, Abingdon, Co. Antrim	Shorthorn
McMaster, R., Salentstown, Macabreit, Co. Londonderry	Shorthorn	Nesbitt, J. D., Ballynagrin, Co. Tyrone	Shorthorn
McMaster, H. L. J., Clontarf Green House, Castlecaulfield, Co. Tyrone	Shorthorn	Nesbitt, John A., Ballynagrin, Downpatrick, Co. Down	† D. Shorthorn
McMullan, John, Baunacraig, Stranocum, Co. Antrim	Shorthorn	Nesbitt, T. G., Ballynagrin, Co. Tyrone	Shorthorn
McMullan, W. J., Carragee, Dungannon, Co. Tyrone	Shorthorn	Nesbitt, W. A., Beechgrove, Dungannon, Co. Tyrone	Shorthorn
McMullan, J. & A., Crucken, Carnalbane, Broughshane, Co. Antrim	† D. Shorthorn	Nesbitt, J. A., Ballynagrin, Balre, Downpatrick, Co. Down	† D. Shorthorn
McMurray, R., Garrahy, Banbridge, Co. Down	D. Shorthorn	Nesbitt, Cyril A., Beech Hill, Londonderry	Finnsia
McNab, Richard, Croker House, Downpatrick, Co. Down	D. Shorthorn	Nish, J., Holmes, Antrim, Co. Tyrone	Shorthorn
McNary, T., Gorman, Bish Hill, Coleraine, Co. Londonderry	† D. Shorthorn		
McNeill, T. J., Whitford Road, Belfast, Co. Antrim	Irish Mound		
McNeill, A., Owenaghy, Carnalbane, Broughshane, Co. Antrim	Gauway		
McNeill, David J., Clontarf, Carrick, Co. Down	Finnsia	Oakley Thomas, Lennavady, Co. Londonderry	Shorthorn
McNinch, R.bert, Ballynagrin, Larne, Co. Antrim	Shorthorn	Ogilby Col. R. J. L., D.S.O., Peapack House, Dungannon, Londonderry	Shorthorn
McRoberts, John, Dunsterville, Ballynagrin, Co. Antrim	† D. Shorthorn	O'Neill, John, British, Crumlin, Co. Antrim	Irish Mound
McRitchie, R. Hall's, Dungannon, Co. Tyrone	Shorthorn	O'Rourke, C., North Street, Stewartstown, Co. Tyrone	† D. Shorthorn
M'Veigh, T. J., Fairy Knowe, Whitford Road, Belfast, Co. Antrim	Finnsia	Orr, A., Tomahmore, Saulfield, Co. Down	† D. Shorthorn
McVey, E. B., Knockacree House, Cookstown, Co. Tyrone	Shorthorn	Orr, R., Ballynagrin Farm, Cookstown, Co. Tyrone	Shorthorn
McVicker, J., Craughmaddy, Stranocum, Co. Antrim	Shorthorn	Orr, W. J., Lisnacrow Cottage, Benburb, Co. Tyrone	Shorthorn
Nadill, John, Cranhill, Ballynagrin, Co. Antrim	Shorthorn	Oxer, W. J., W. Campsey, Londonderry	† D. Shorthorn
Nadill, Wm., Foyd's, Loughave, Co. Antrim	Shorthorn	Owen, S. S., Bratton House, Glenwerry, Co. Antrim	Gauway
Nagel, J., Leckin, Street, Hillsborough, Co. Down	† Shorthorn		
Nagowan, J., Matherberry, Donaghadee, Co. Tyrone	Shorthorn		
Nagowan, J. J., Mountmorris, Loughgilly, Co. Armagh	Shorthorn		
Nagure, P. J., Drumstown, Coranny, Newtownabbey, Co. Fermanagh	Shorthorn		
Nanderson, F. T. Hill, Crumlin, Co. Antrim	† D. Shorthorn		
Nann, W. J., Hillside, Castlebarrow, Co. Londonderry	Shorthorn		
Narcanbank, J., Agricultural School, Greenmount, Muckamore, Co. Antrim	Shorthorn		
Nash, J. M., Lennavady Junction, Co. Londonderry	† D. Shorthorn		
Nash, M., Carragee, M'roe, Co. Londonderry	Shorthorn		
Nash, J. K., Kesh, Moy, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Omagh, Co. Tyrone	Shorthorn		
Nash, Dr. A. G., Manor House, Dungannon, Co. Londonderry	Shorthorn		
Nash, Arthur, Milmount, Donaghadee, Co. Down	Finnsia		
Nash, Mrs. E. S., Laurel Hill, Muckamore, Co. Armagh	Shorthorn		
Nash, Samuel, Mountjoy, Om			

Name and Address	Breed	Name and Address	Breed
Maclean J B Priestland Colera ne Co Londonderry	D Shorthorn	N	
McLean Thomas, Lisnamorrow Magherafield Co Down	Shorthorn	Nedwill R W Rockbrook Vagherafield Co Londonderry	Shorthorn
McMaster R Salterston Vagherafield Co Londonderry	Shorthorn	Neely Thomas Ballybeg Abchurch Co Antrim	Shorthorn
Macmillan H & J, Clinty Cliven House Castlecaulfield Co Tyrone	Shorthorn	Nesbitt J D Ballyrone Coagh Co Tyrone	Shorthorn
McMillan John Balfinagh Stranocum Co Antrim	Shorthorn	Nesbitt John A Ballydalen Downpatrick Co Down	D Shorthorn
McNair W J Corraney Dungannon Co Tyrone	Shorthorn	Nesbitt G Ballyrone Coagh Co Tyrone	Shorthorn
McMillan J & A Cruicken Carnalban Broughshane Co Antrim	D Shorthorn	Nesbitt W A Broughshane Dungannon Co Tyrone	Shorthorn
M Murray R Garvaghey Banbridge Co Down	D Shorthorn	Newell J A Ballyclander, Halles, Downpatrick Co Down	D Shorthorn
McNab Richard Clogher House Downpatrick Co Down	D Shorthorn	Nicholson Cyril A Beech Hill Londonderry	Friesian
McNary T Goran Blackhill Colera ne Co Londonderry	D Shorthorn	Nish, J., Holmeale Augher Co Tyrone	Friesian
McNeigh T J Whitehill Road Belfast Co Antrim	D Shorthorn	O	
McNeill A Owencloughy Carnalban Broughshane Co Antrim	Galloway	Oakey Thomas Limavady Co Londonderry	Shorthorn
McNe D David J, Clontonacally Carrifford Co Down	Friesian	Ogilby Col. R J L D S O Fellipar House Dungenen Londonderry	Shorthorn
McNinch Robert Ballymullock Larne Co Antrim	Shorthorn	O'Neill John British Crumlin Co Antrim	Irish Moiled
McRoberts John Duntutkey Ballyclare Co Antrim	D Shorthorn	O'Rourke C North Street, Stewartstown, Co Tyrone	D Shorthorn
McRoberts, L. Killybegs Dungannon Co Tyrone	Friesian	Orr A Tomaghavue, Salfield Co Down	Shorthorn
McVie T J Farry Knowe Whitehill Road Belfast, Co Antrim	Shorthorn	Orr R Ballysudden Farm, Cookstown Co Tyrone	Shorthorn
McVey E B Knockaconny House Cookstown, Co Tyrone	Shorthorn	Orr W J Lmacoy Cottage Benburb Co Tyrone	Shorthorn
McVicker J Cragnamaddy Stranocum Co Antrim	Shorthorn	Osborne W J W Campsey Londonderry	D Shorthorn
Madill John Crankill Ballymena Co Antrim	Shorthorn	Owens S S Bratstown House Glenwherry Co Antrim	Galloway
Maize Wm. Foyhill Lamberlay Co Fermanagh	Shorthorn	P	
Magill J Leburn Street Hillsborough Co Down	Shorthorn	Pakenham Col H A CMG Langford Lodge, Crumlin, Co Antrim	Shorthorn
Magowan J Mullaghereev Donaghmore Co Tyrone	Shorthorn	Palmer J Moneyhaw Moneymore Co Londonderry	Shorthorn
Magowan J I Mountmorris Loughlilly Co Armagh	Shorthorn	Park J Knockel Belfast, Co Londonderry	Shorthorn
Maguire, P J Drummonds Coranny Newtownbutler Co Fermanagh	Shorthorn	Park John Legally Ballyclare Co Antrim	Shorthorn
Maguire P The Hill Crumlin Co Antrim	D Shorthorn	Parkes J Teemore Tandragee Co Armagh	Shorthorn
Mann W J, Hillhead Castledawson Co Londonderry	Shorthorn	Patterson A Killynure Carrifford Co Down	D Shorthorn
Marchbank, J Agricultural School Greenmount Muckamore Co Antrim	Shorthorn	Patterson, D Castlereagh Belfast Co Antrim	Shorthorn
Mark, J M Lismavady Junction Co Londonderry	D Shorthorn	Patterson, D Laurel Cottage Moy Co Tyrone	Shorthorn
Mark M W Castlereagh Wythe Co Londonderry (A)	Aberdeen Angus	Patterson H Drumadraw Colera ne Co Londonderry	Shorthorn
Marshall J keanaghan Moy Co Tyrone	Shorthorn	Patterson J Grange P O Moy Co Tyrone	Shorthorn
Martin Dr A G Manor House Dungenen Co Londonderry	Shorthorn	Patterson J Violet Hill Moy Co Tyrone	Shorthorn
Martin, Arthur Millmount, Dondonald, Co Down	Friesian	Patterson John Bellmount, Marlin Lurgan Co Down	Shorthorn
Martin, Mrs E S, Laurel Hill Mountmorris Co Armagh	Friesian	Patterson Old Racecourse Downpatrick, Co Down	Irish Moiled
Masters Samuel, Mountjoy Omagh Co Tyrone	Shorthorn	Patterson Mrs L Kileaton Cottage, Derraghly Dummurry Co Antrim	Jersey
Maxwell, D Laurel Hill, Ballymacbrannigan Lisburn Co Down	Shorthorn	Patterson T H Burnside, Doagh Co Antrim	D Shorthorn
Mayers, J Crosscandy Drumcorm, Colera ne Co Londonderry	Shorthorn	Patton Thos. Kilbrinty, Greyabbey Co Down	D Shorthorn
Megaghlin, James, Ballybeg Abchurch Co Antrim	Shorthorn	Paul Alexander G Moylagh, Glarryford, Co Down	D Shorthorn
Megaw W J Ballybayland Ballymore Co Antrim	Shorthorn	Paul S Ballinabone More, Vagherafield Co Londonderry	D Shorthorn
Miles, J Goresstown House, Moy Co Tyrone	Shorthorn	Paul W Carnockellet Maghera Co Londonderry	D Shorthorn
Millar J R Lurgie Sherrinstown, Dungannon Co Tyrone	D Shorthorn	Perry James, Ballyculter Holywood Co Down	Friesian
Millar Wm. Augherly Augherly Co Londonderry	D Shorthorn	Petticrew Hugh Drumra, Boardmills Lisburn, Co Down	Shorthorn
Miller R Drumcorm Farm Moneymore Co Londonderry	Shorthorn	Petticrew J & F R, Elagh, Broughshane Co Antrim	Shorthorn
Miller Robert, Clougha Stewartstown Co Tyrone	Shorthorn	Porter John Ballyknockan Ballygowan Co Antrim	Friesian
Miller Thomas Ballynno Antrim	Shorthorn	Porter W J Gortacra Mountjoy Omagh, Co Tyrone	Aberdeen Angus
Miller Hugh Ballyroan Newtownards, Co Down	Shorthorn	Price Miss, The Cottage Oldpark Belfast Co Antrim	Friesian
Miller Robert, Cordall's Greyabbey Co Down	Shorthorn	Pringle H Moor Farm, Ballyrally Co Tyrone	D Shorthorn
Milne R Ballyragh Loughlilly Co Armagh	Shorthorn	Purvis, S A, Gortall Stewartstown, Co Tyrone	Shorthorn
Mitchell Capt W C Rathmoye, Helen's Bay Co Down	Friesian	Q	
Mitchell, W J Larry Cornuck, Moneymore Co Londonderry	Shorthorn	QUALE, REDLEY Strangford, Co Down	Shorthorn
Mitchell, W S Olanda, Cragsad, Co Down	Jersey	R	
Moffett, R Ballyragh, Cookstown Co Tyrone	Shorthorn	Raney A Finvoy Ballymore Co Antrim	Shorthorn
Montford, James, Broughshane, Co Antrim	D Shorthorn	Raney A Thorne Dairy Whitehill Road, Belfast, Co Antrim	Ayrshire
Montgomery J Hill House Slattaboghe Maghera Co Londonderry	Shorthorn	Raney Rev J J, Enagh Manse, Ballymore Co Antrim	Friesian
Moore D W Montilly Ston Mills, Co Tyrone	Shorthorn	Raney Rev J H, Newtownards, Co Down	Red Poll
Moore H Moore Lodge, Newry Co Down	Shorthorn	Ranby, Dr W W, Newtownards, Co Londonderry	Shorthorn
Moore J, Carrowagh Mossdale, Co Antrim	D Shorthorn	Rea M, Cumber House Ballymahock, Co Down	Shorthorn
Moore J B, Clady Templepatrick Co Antrim	Irish Moiled	Reid A Carlsby Crae Co Antrim	Shorthorn
Moore Kennedy & William, Ballynacannon Mascoquin Colera ne Co Londonderry	Shorthorn	Reid J H Tullyhill House, Banbridge Co Down	D Shorthorn
Moore, R, Priestland Colera ne Co Londonderry	Friesian	Reid W J, Tullyhill House, Glarryford, Co Antrim	D Shorthorn
Moore, R, Priestland Colera ne Co Londonderry	D Shorthorn	Richardson C, Cahaness House Moy Co Tyrone	Shorthorn
Moore, T & W J Mullaghurthelton, Donaghmore, Co Tyrone	D Shorthorn	Robb, Alf Arthur Lismoreberry House Belfast, Co Antrim	Aberdeen Angus
Morrison H S, M.D., Bellevue, Blackhill, Colera ne, Londonderry	D Shorthorn	Robb C, Woodside, Lortown Co Armagh	Shorthorn
Morrison J, K. Tubridy, Derry-hag Trian Co Armagh	Shorthorn	Robertson, Miss, Dockap, Limavady Co Londonderry	Jersey
Morrison J A Manor Water House, Lisnaskea, Co Fermanagh	Shorthorn	Robinson, A, Dairy Lodge, Charlton, Moy Co Tyrone	D Shorthorn
Morrison John B. J.P., Ballydrain, Dummurry Co Antrim	Red Poll	Robinson, H. Ballylin, Altham Co Armagh	Shorthorn
Morrison Joseph, Knocknabur Co Down	Shorthorn	Robinson, John, Derryman, Colindale, Co Tyrone	Shorthorn
Morrow John Henry, Avelude, Knockadee Park, Knock Belfast, Co Antrim	Jersey	Robinson John A, Grange, Bready, Strabane, Co Tyrone	Shorthorn
Morrow S F Anduce Killeshin Co Down	Shorthorn	Robinson J J, Derrygore Portadown, Co Armagh	Shorthorn
Moutray Maser A G, Favour Hall, Augher Co Tyrone	Shorthorn	Robinson, W. Kinross House, Ballynna, Moy Co Tyrone	Shorthorn
Moutray M S, The Mount, Moy Co Tyrone	Aberdeen Angus	Rowland, H. Pownall, Ballyke, Co Armagh	Irish Moiled
Mulgan, James, Drumcorm, Corlett, Banbridge Co Down	Shorthorn	Rourke C O, Stewartstown, Co Tyrone	Shorthorn
Murdoch, Alex., Haw Hill Ringreave, Comber Co Down	Friesian	Rourke L, Nelson Laurel Mount, Lurgan, Co Armagh	Shorthorn
Murdoch, R W, Laurel Hill, Augher Co Tyrone	Friesian	Russell, J., Portlao, Rathfriland, Co Antrim	Shorthorn
Murphy James, Churchland, Cragsad, Co Down	Friesian	S	
Murray H W, Ballymore House Portadown, Co Armagh	Shorthorn	Scally Thos., Magheracastle, Ballyclare, Co Antrim	Shorthorn
Murray H B, Ardaraugh, Co Antrim	Shorthorn	Scally, Thos., Ballyclare, Co Antrim	Shorthorn
Murray J J, Carnamanna, Ballymore, Co Down	D Shorthorn	Scally, Thos., Ballyclare, Co Antrim	Shorthorn
Murray W J, Lanesboro, Ballymore, Co Antrim	Friesian	Scally, Thos., Ballyclare, Co Antrim	Shorthorn
Murray J, Coolaney, Magherafield, Co Londonderry	Shorthorn	Scally, Thos., Ballyclare, Co Antrim	Shorthorn

Name and Address		Breed	Name and Address		Breed
M			K		
Malkey, David, Hill Foot, Maghera, Co. Down	..	Bord. Leicester	Kelly, Adam J., Ballyrallon, Downpatrick, Co. Down	..	Bord. Leicester
May, James L., Ballyvaughan, Larne, Co. Antrim	..	Bord. Leicester	Kennedy, Joseph M., Lacken House, Ballyvaughan, Banbridge, Co. Down	..	Bord. Leicester
McEneaney, Charles, The Hill, Co. Down	..	Bord. Leicester	King, R., Laymore, Ballymena, Co. Antrim	..	Suffolk
Buchanan, Geo. J., Mullawanny, Linton, Co. Tyrone	..	Bord. Leicester	L		
C			Leeman, Geo., Grangemore House, Armagh, Co. Armagh (c)	..	Bord. Leicester
Cameron, Alexander, Balmora, Cookstown, Co. Tyrone (c)	..	Bord. Leicester	Lennon, I. Patrick J., Ballyvaughan, Co. Down	..	Bord. Leicester
Campbell, David, Ballyvaughan House, Comber, Co. Down	..	Bord. Leicester	Lewry, Hugh, Linsane, Comber, Co. Down	..	Blackface
Carmichael, James, Duntrylea, Ballyvaughan, Co. Antrim	..	Bord. Leicester	Lowe, Lt. Col. R. T. G., Pomeroy House, Pomeroy, Co. Tyrone (c)	..	Bord. Leicester
Carmichael, Staff, Co. Ballyvaughan, Ballyvaughan, Co. Antrim	..	Bord. Leicester	M		
Casement, Capt. J., D.S.O., R.N., Maghera, Co. Down	..	Blackface	McAlister, A. Jr., Island Macallan, Stranocum, Co. Down	..	Bord. Leicester
E			McCann, James, Hill Farm, Killybegs, Co. Down	..	Bord. Leicester
Caughy, William, Ballyvaughan, Greysteel, Co. Down	..	Bord. Leicester	McCaughey, J. B., Ballyvaughan, Armoy, Co. Antrim	..	Suffolk
Chambers, James, Carrig, Hillborough, Co. Down	..	Bord. Leicester	McCauley, M. M., Drenagh, Linsane, Co. London	..	Blackface
Chapman, John I., Annahilt, Hillborough, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Colman, Samuel, Dromore, Glarryford, Co. Antrim (c)	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Crothers, James, Lacken, Ballyvaughan, Banbridge, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
D			McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Davidson, D., Carrowreagh, Dundonald, Co. Down	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Dickie, J., Cottage, Linsane, Co. Londonderry (p)	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Dunleath, Lord, Ballyvaughan, Hill, Ballyvaughan, Co. Down (p)	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
E			McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
East Antrim Sheep Co., The, Ballyvaughan, Co. Antrim	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Edder, Samuel, Woodvale, Ballyvaughan, Annahilt, Hill	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Elison, J., Ballyvaughan, Comber, Co. Down	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Ervine, George, Tullygish, Banbridge, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
F			McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Farguharson, Archibald, Ballyvaughan, Downpatrick, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Ferguson, T., Silverhill, Co. Tyrone	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Finch, William J., C. Rose Hollow, Culterworth, Poyntz	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
pass Co. Armagh	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Finlay, John R., Rose Cottage, Killybegs, Co. Down (A)	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Fisher, Harry, Campdown, Dundonald, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
G			McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Galbraith, James, Ballyvaughan, Londonderry	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Galbraith, Thomas A., Ballyvaughan, Londonderry	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Gallagher, Ext. of Thomas, Tyrodd, Churchtown, Londonderry	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Getty, Mrs. John, Hillcrest, Newtownards, Co. Down (c)	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Gibney, R. H., Whitehill House, Ballyvaughan, Corbet, Ban	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
bridge Co. Down (c)	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Gibson, Andrew, Crossnacreevy, Castlebragh, Co. Down (c)	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Gibson, D., Scotch Street, Downpatrick, Co. Down	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Gibson, J., Burren, Ballyvaughan, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Gibson, Joseph, Woodvale House, Ballyvaughan, Edgemoor	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
hill, Co. Down	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Gilbert, Bro., Ballydock, Ardglass, Co. Down	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Gill, Robert J., Jr., Ballymenagh House, Bishopscourt, Downpatrick, Co. Down	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Glenn, Robert, Glenvale, Campsie, Londonderry	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Glenn, Robert W., Priory, Carrigans, Londonderry	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Graham, O. B., Larchfield, Lisburn, Co. Antrim	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Graham, Thos., Maghera, Hillborough, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Graham, Wm., Brookmount House, Barmagh, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Guisey, Joseph S., Scollan, Dromore, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
H			McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hamilton, Henry, Moybrack, Dromora, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hanson, S. J., Macrae, Macrae, Co. Londonderry	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Harvey, Geo., Lisappin House, Omagh, Co. Tyrone	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hartick, Joshua, Creggan House, Londonderry	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hennan, W. S., Carrow, Dromora, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Henry, Fred, Fodney, Banbridge, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Henry, T. J., Oakland Farm, Tobermore, Co. Down (c)	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Henry, William, Ballyvaughan, Stranocum, Co. Antrim	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hewitt, James, The Cottage, Killybegs, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hill I., Cloyn, Co. Londonderry	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hillis, H., Tamlugh House, Antrim, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hogg, Hamilton, Haffrey, Crossgar, Co. Down	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hooke, David, Ballyvaughan, Dromore, Co. Down (p)	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hooke, Wm. G., Drumulough, Hillborough, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Horner, Thos. A. & W., Ballyvaughan, Banbridge, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Horner, Wm. J., Glenageary, Ballyvaughan, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hosking, J. O. & C., The Crescent, Ardglass, Co. Down (c)	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hosking, James E., Ringfad, Ardglass, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Hyndham, R., Dromore, Glarryford, Co. Antrim	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
I			McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Irvine, William, Annahilt, Hillborough, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
J			McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Jardine, James, Fodney, Banbridge, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Jardine, Rbt., Blythehill, Garvagh, Banbridge, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Jones, Archibald, Co. Annahilt, Hillborough, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
N			McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
O			McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
O'Hare, James, Moybrack, Dromora, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
O'Neill, Bernard, Dromora, Co. Down	..	Bord. Leicester	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Osborne, J., Bready, Churchtown, Londonderry	..	Suffolk	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface
Osborne, W. J. W., Campsie, Londonderry	..	Shropshire	McClendon, M. M., Drenagh, Linsane, Co. London	..	Blackface

Pig Breeders

Name and Address	Breed	Name and Address	Breed
A		G	
Abertown Duke of Barons Court Newtownstewart Co Tyrone (c)	L.W. Ulster	Gabb e W Liam Ballywoolen Crossgar Co Down (c)	L.W. Ulster
Agricultural College County Committee of Agriculture Muckamore Co Antrim (c)	L.W. Ulster	Gairbairn W H Craigdoose St Johnston, Londonderry (c)	L.W. Ulster
Anderson J A Halls House Fintona, Co Tyrone (s)	L.W. Ulster	Gienn Robert, Glenvale Campsie Londonderry (s)	L.W. Ulster
Andrews The Rt Hon J M Maxwell Court Comber Co Down (ck)	L.W. Ulster	Gordon W Coolyth House Coolyth Randalstown Co Antrim	L.W. Ulster
Askw th J L H Ad arney Fresh Co Fermanagh	L.W. Ulster	Gourlay Jas Derryboy Cottage, Crossgar Co. Down (W)	L.W. Ulster
		Gray Peter P Derry Fiacry Ballymoney Co Antrim	L.W. Ulster
B		H	
Baake T C Antrim Road L. Burn Co Antrim	L.W. Ulster	Hale Joseph Ballifa House Banbridge Co Down	L.W. Ulster
Barton H D M The Bush Antrim	L.W. Ulster	Hall Hugh Clontarf Lane Co Antrim	L.W. Ulster
Baxter Charles M Clannamurry Dromore Co Down (c)	L.W. Ulster	HART Lt Col G. V. D.L. Kilberry Mt Londonderry (c)	L.W. Ulster
Bell D H W admiral Farm Coagh Co Tyrone (c)	L.W. Ulster	Henderson J W for Governors of Methodist College Belfast Co Antrim	L.W. Ulster
Bell D H Moneyhaw Moneymore Co Tyrone (c)	L.W. Ulster	Hinds A Finkilgate 1ortgenone Co Antrim (c)	L.W. Ulster
Bell Henry Edenfield Hillsborough Co Down (s)	L.W. Ulster	Hooker David Ballykeel Dromore Co Down (s)	L.W. Ulster
Bell Robert W Fru th Hillsborough Co Down (s)	L.W. Ulster	Hopk n Thos J Lym House Claudy Londonderry (c)	L.W. Ulster
Bell Samuel A. Fortwilliam Hillsborough Co Down (cs)	L.W. Ulster	Hutchinson B B Ballygoney Moneymore Co Londonderry	L.W. Ulster
C		I	
Campbell R A Eden Mills Plumbridge Co Tyrone	L.W. Ulster	Irwin Capt G V C Mount Irwin Tynan Co Armagh	Large White
Chapman J M Beech Lawn Aghagallon Lurgan Co Armagh (ck)	L.W. Ulster		
Charl on Thomas Kidrum Dromore Co Tyrone	L.W. Ulster	K	
Cochrane Major R P E Red Castle Londonderry	L.W. Ulster	Kane G Quilly House Coleraine Co. Londonderry (c)	L.W. Ulster
Cochrane W J Donaghmore Beragh Co Tyrone	L.W. Ulster	Kang J H Daisy Hill Dromore Co Tyrone	L.W. Ulster
Cowdy E. Summersland Loughla Co Armagh (c)	L.W. Ulster	Kang R S Knockgorm Banbridge Co Down	L.W. Ulster
Cunningham Thomas Jr Bottom Ballymena Co Antrim	L.W. Ulster	Kyle H A J The Diamond Farm, Fintona Co Tyrone (c)	L.W. Ulster
Cunningham J Glencairn Belfast Co Antrim (A)	L.W. Ulster	Kyle R H Knocknoyle House, Omagh Co. Tyrone (c)	L.W. Ulster
D		L	
Dales Hugh M nistry of Agriculture Northern Ireland Belfast Co Antrim	L.W. Ulster	Lane W A Ardgarvan Lismavady Co Londonderry	L.W. Ulster
Davin Arthur James Hazibank Springtown Ballyvaughan Co Wick (c)	L.W. Ulster	Liggett D A Corboe Glogher Co Tyrone	L.W. Ulster
Dick, Tom, Ballyvaughan Newtownstewart Co. Tyrone (c)	Large White	L Linn Willam Skillysco bar Dromore Co Down	L.W. Ulster
Dick e Jos Cottage Gro e K lrea Co Londonderry (s)	L.W. Ulster	Lindsay Thos Derryboy House Crossgar Co Down (ck)	L.W. Ulster
Deloughan W J The Bungalow Donacloyne Lurgan Co Armagh	L.W. Ulster	Little George Killyvaigan Ballyvaletar Co Down	L.W. Ulster
Donn H John Whanpark House Woodend Strabane Co Tyrone (c)	L.W. Ulster	Low George The Farm Ballyvaletar Pa k Co Down	L.W. Ulster
Duff n J aches hwaughter Castle Larne Co Antrim	L.W. Ulster	Lynch James Maydown Camps e Londonderry	L.W. Ulster
Dunl ath Lord, Ballyvaletar Pk Ballyvaletar Co Down (s)	L.W. Ulster		
		M	
		Malister S C Carr hue House Carrhugh Co. London	Large Black
		Mauley Chas Caugherty Broughshane Co Antrim (c)	L.W. Ulster
		M Cauland M M Drenagh Lismavady Co. London derry (s)	L.W. Ulster

Name and Address	Breed	Name and Address	Breed
M Cork 1, D B. B., Ballyarnett Londonderry	LW Ulster	S	
McGrath John A., Carrakilla ker Rd., Portladow, Co. Armagh	Large Black	Short, James, Wood Park Anney Beragh, Co Tyrone (c)	LW Ulster
McCra Ken J A Lishallow Co Fermanagh	Large Black	Smyth W R Ballygall Crossgar Co Down (cst)	LW Ulster
Mitroy William J., Rosedown House Londonderry	LW Ulster		
McHee Mrs. V Glencairn, Bargrennan Co Tyrone	Berkshire		
McLaren D Clonene, Dagleap Larn Limasally Co Londonderry	LW Ulster	T	
McLaughlin, John S Magheragh Burninnet, Strabane Co Tyrone	LW Ulster	Thompson J C W., Longfield Eglinton Co Londonderry	LW Ulster
McNaughten, The Hon H Runkerry Bushmills Co. Antrim	LW Ulster	Tull E Mrs W Duncecragan Londonderry (c)	LW Ulster
McNeill Robert, Ballymullock Lame Co Antrim (c)	LW Ulster	Toye John Cullynan nter Garvagh Co Londonderry	LW Ulster
Marchbank J Agricultural School, Greenmount Muckamore Co Antrim	LW Ulster		
Morrison Hugh R Meath Park, Coleraine Londonderry (h)	LW Ulster	U	
Morrow Robert Jr Ballygalla Crossgar Co Down	LW Ulster	Ulster Dairy School Loughry Cookstown Co Tyrone (c)	LW Ulster
Mullan, Jas Dromorebague Corbett Banbridge Co Down	LW Ulster		
N			
Napier J H Ballybranagh House, Downpatrick Co. Down	LW Ulster		
Nelson W R Ardaraugh Glenavy Co Antrim	LW Ulster	W	
Nicholson, Mrs Frances de Lacy Beech Hill, Londonderry	Large Black	Walker John Brook Hill, Londonderry	LW Ulster
O		Wallace John Anticor Dunloy Co Antrim (c)	LW Ulster
Orr William Rattray Crossgar Co Down	LW Ulster	Wachob M J Laragh Newtownstewart Co Tyrone (c)	LW Ulster
Osborne W J W Campsey Londonderry (cst)	LW Ulster	Wellwood J E J P Carrwahane Knock, Co Down (st)	LW Ulster
R		Wilson Alex Deepack Newtownstewart Co Tyrone (c)	LW Ulster
Reid J H Tullyglush House Banbridge Co Down (cst)	LW Ulster	Wilson, Andrew Fauson Greenisland Co. Antrim	LW Ulster
Robertson, M S Dogleap Lamsavady Co. Londonderry (cst)	LW Ulster	Wilson Robert P Ballygarvey Ballymena Co. Antrim	Large Black
Roulston Thomas, Ranelagh Omagh Co Tyrone	LW Ulster	Wilson Thos Cauchery Broughshane Co Antrim	LW Ulster
		Wison Thomas, Kircubbin, Co Down	LW Ulster
		Wilson William Gortale Greenisland Co. Antrim	LW Ulster
		Workman Maj W E H J P Carrrowdore Castle Donaghadee Co Down (cst/f)	LW Ulster

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A		L	
Anderson W J Lisnack Black Hill, Coleraine Londonderry	Clydesdale	Laughlin, Jas., Culmore House Kilsrea Co Londonderry (c)	Clydesdale
Andrews Rt. Hon J M Maxwell Ct. Comber Co Down (cp)	Clydesdale	Lindsay Thos Derryboga House Carrick Co Down (c)	Clydesdale
Annesley Lady Nabel M The Castle Castledillon, Co Down	Clydesdale	Lytile, Samuel Moylurea, Garvagh, Co. Londonderry (c)	Clydesdale
Archdale E M R Creadale Ballinmallard Co Fermanagh	Clydesdale	M	
B		McConnell T E John Robson Ltd Belfast Co. Antrim	Clydesdale
BOYD ROBERT F., Drumske, Ballymoney Co. Antrim	Clydesdale	McDowell Joseph Tierfergus House, Rathfriland Co Down	Clydesdale
C		M Gill, Jas. Barsalloch Newtownstewart Co Tyrone	Clydesdale
Campbell J A Furtfield Donaghadee Co Down (c)	Clydesdale	Mark J M Limavady Junction Co. Londonderry	Clydesdale
Chapman J M Beech Lawn Aghagallon Lurgan, Co Armagh (cp)	Clydesdale	Mark M M Carrrowdena Myre Co. Londonderry (cst)	Clydesdale
Clarke Maj G T Cavendish, Steeple Antrim	Clydesdale	Marshall J F The Park Knocknakeeth Maghera Londonderry	Clydesdale
Cooper John Ballyoran Dundonald Co. Down	Clydesdale	Mason Wm Castruse Bogay Londonderry	Clydesdale
Crawford James D Cuptown Glenam Co. Antrim	Clydesdale	Morrison Hugh R Meath Park Coleraine Londonderry (p)	Clydesdale
Crawford Col The Rt. Hon R. G. S Crawford Burn, Co Down	Clydesdale		
Cunningham, J Glencairn Belfast Co Antrim (p)	Clydesdale	N	
Cunningham Matthew Main St. Ballymoney Co Antrim	Clydesdale	Neill Samuel, Fonthill Bangor Co. Down	Clydesdale
D		Norris John Clafin Coleraine Co Londonderry	Clydesdale
Drennan J C Carne Hill Limavady Junc. Londonderry	Clydesdale	O	
E		Ogilby Col. R J L DSO Pellipar House Dungiven Londonderry (c)	Clydesdale
Ely Marquis of Ely Lodge, Enniskillen Co. Fermanagh	Sture	Orr H. C. Hill House Crossgar Co Down	Clydesdale
F		P	
Finlay James Fa r ew Clandeboye Co. Down	Clydesdale	Porter S Shanred House Katesbridge, Banbridge, Co Down	Clydesdale
Finlay John R Rose Cottage Kilninchy Co. Down (c)	Clydesdale	R	
Finlay T Grant T O Greenmount St. Belfast, Co. Antrim	Hackney	Rankin, J R. Rocklands, Kircubbin, Co. Down (c)	Clydesdale
Fredlander Michael, 44 Foyle Street, Londonderry	Hackney	Reid, Thomas 61 Agnes Street Belfast Co. Antrim	Hackney
G		Robson, John, 31 Chichester Street, Belfast Co. Antrim	Hackney
Gamble John Drumsara House Kilsrea Londonderry	Clydesdale	S	
Goutay James, Derryboy Cottage Crossgar Co. Down (p)	Clydesdale	Shaannon Wm Cosquin Londonderry	Clydesdale
Gray Hugh Glenbrook Furry Ballymoney Co. Antrim (c)	Clydesdale	Smyth James, Lochrynan House, Broughshane Co. Antrim	Clydesdale
I		Stewart, T., Mullighoboy Magherafelt, Co. Londonderry (c)	Clydesdale
Irvine Lester Asby Bingham St. Bangor Co Down	Hackney	T	
J		Thompson, Robert Church Vale Kilninchy Co. Down (cst)	Clydesdale
Johnston Samuel, Draperhill, Ballynahinch, Co. Down	Clydesdale	W	
		Warwick John Felt Street, Belfast, Co. Antrim	Hackney
		Watson, Wm J Woodbrook Omagh Co. Tyrone (c)	Clydesdale
		Wellwood, J E J P, Carrwahane Knock, Co. Down (csp)	Clydesdale
		Woods, David A Newton Street Strabane Co. Tyrone	Clydesdale
		Woods, W H Glenamoon Sion Mills, Co. Tyrone	Clydesdale
		Workman, Maj W E H. J. P., Carrrowdore Castle Donaghadee Co. Down (cst/f)	Clydesdale
		Wright, John, Millbrook Newtownards, Co. Down	Clydesdale

IRISH FREE STATE

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
A		C	
Adams Maj W Gool Jamesbrook Ballinacurra Co Cork	Aberdeen Angus	Carns T V Mountfield Coolock Co Dublin	Shorthorn
Adamson C G Auburn Glasheen Athlone Co W Meath	Shorthorn	Camp on Mrs M H, Woodlawn Ballinater Dundrum	Jersey
Agricultural Co lege The Albert Glasheen Dublin	Shorthorn	Cane Col R Claude St Wolstan & Celbridge Co Kildare	Aberdeen Angus
Agricultural School Clonsilla Darrara Clonsilla Co Cork	Shorthorn	Carberry Laurence Park Kinneag West Meath	Aberdeen Angus
Agricultural Station Athenry Galway	D Shorthorn	Carew Lord Castleboro Clonsilla Co Wexford	Shorthorn
Agricultural School Ballyhaase	Shorthorn	Carey W Hian Moy Valley House Co Kildare	Rd Poll
Alexander Maj John Milford Co Carlow	Jersey	Carry Harry Galbally Crossabeg Co Wexford	Shorthorn
Anglin J R Ballyregan Taggart Co Wexford	Aberdeen Angus	Chavasse Major H Seafield, Castletownshend Slubberheen Co Cork	Shorthorn
Anketell Jones Capt. S Forest Lodge Gowran Co Kilkenny	Aberdeen Angus	Chauntilly Stud Farm Shankill Dublin	Shorthorn
Appelle Henry Carrigroh Clonsilla Co Cork	Shorthorn	Clarke J H Aghamarta Castle Carmaline Co Cork	Shorthorn
Armstrong A H Willowbrook Sligo	Aberdeen Angus	Clarke J H Ballinakill House Waterford	Aberdeen Angus
Armstrong J Gartnashree Cornafan Co Ca an	Shorthorn	Clarke Capt T A Farran House Farran, Co Cork	D Shorthorn
Armstrong John Clon ara Clonsa Co Monaghan	Shorthorn	Clarke Stephen Millbrook Straffan, Co h Mare	Aberdeen Angus
Armstrong Mrs W Drumshell Clonsa Co Monaghan	Shorthorn	Clayton Ring Gen. Robert B Browns Hill Carlow Co	Shorthorn
Armstrong T J Carr Carr Sligo	Shorthorn	Clements C h Kildoon Celbridge Co Kildare	Jersey
Ashdon Capt J W L Clonsilla Rathcober a Burr Offaly	Shorthorn	Clyff Mark I Cbb nstown House Kilmallock Limerick	Friesian
Aspie T Galbally Maemach Co Wexford	Shorthorn	Clifford Gen. C CB D.L. Carr Cottage Beltrubet Co Cavan	Jersey
Attidge Mrs F Cloughlucas Malloy Co Cork	Shorthorn	Cockburn T Baker Garrynisk House Blackwater Co Wexford	Shorthorn
B		Coghlin Lady Glen Barrahane, Castle Townshend, Skibbereen Co Cork	Friesian
Baley H B Gouthboy House Kilmallock Co Limerick	Shorthorn	Coleman John Knockacorbally Blarney Co Cork	Shorthorn
Ballinrick T Linsford Buncrana Co Donegal	Shorthorn	Coleman W Ballinacraone Ballyduff Co Waterford	Shorthorn
Banfield P J L snarve Clonsa Co Monaghan	Shorthorn	Coll Nano Knockmore Bruree Co Limerick	Shorthorn
Baron John R Knockbeg Collooney Co Sligo	Shorthorn	Colins J J Adrelogue Skibbereen Co Cork	Shorthorn
Baron E W Woodstown Co Waterford	Shorthorn	Comperford S J Logheny House Woodgiff Co h Kilkenny	Shorthorn
Barrow Maj R E Westown Farm Castle Bellingham Co Louth	Shorthorn	Connans W Newtown Killeigh Offaly	Shorthorn
Barry P Ballinabrown Fernoy Co Cork	Shorthorn	Connyn N O & C Ballinoddy Kilmoneilly Co Galway	Jersey
Barry James Garrybrien Glencairn Co Waterford	Shorthorn	Conolly Edward, Park Killybegs Co Waterford	Shorthorn
Barrymore Rt Hon Lord Cardigan Manor T pperary	Aberdeen Angus	Conolly Ravensdale Mountpleasant, Dundalk Co Louth	Shorthorn
Barton F B Straffan Co Kildare	D Shorthorn	Conolly M P Lysaght ck House Longford Co Longford	Shorthorn
Beal A C Moneyrone Newtownhamham Co Donegal	Hereford	Conolly Maj E M Castletown Celbridge Co Kildare	Shorthorn
Beaman L A Ashgrove Greenagh Co Cork	Shorthorn	Conolly The Dowager Marthoness Slane Castle Co Meath	Dexter
Beckett Isaac Ballina Co Mayo	Aberdeen Angus	Cooke Edmund E Carrigallen Cavan	Friesian
Bellow Jas Killinere Drogheda Co Louth	Shorthorn	Cooper Maj B R Markree Castle Collooney Co Sligo	Aberdeen Angus
Bellingham Mrs A Shearwater Bally Co Dublin	Shorthorn	Coote Maj C Purdon Bearfoord Mallow Co Cork	Aberdeen Angus
Bellingham Brig Gen St Edward H C P Bt H.M.L. CMG DSO Castle Bellingham Co Louth	Friesian	Cope George Knockfield Castletermet, Co Kildare	Shorthorn
Bessborough Earl of Bessborough Pultown Co Kilkenny	Aberdeen Angus	Copeland George Halfway Fw Lismacarty Co Wexford	Shorthorn
Bewley Ernest Daurin Rathgar Dublin	D Shorthorn	Corbett Rev Martin Munget College Limerick	Shorthorn
Bunchy James Gortkagh Charleville Co Cork	Friesian	Corcoran W M Riversfield Co Wexford	Aberdeen Angus
Black Mrs M Coolure Coole Westmeath	Shorthorn	Corngan F H Garretstown House Rathvilly Co Carlow	Shorthorn
Black Oliver Ballinacraone Donegal	Aberdeen Angus	Corngan Patrick, Glenboy Oldcastle, Co Meath	D Shorthorn
Black W Hian Ballyl K Monaghan	Shorthorn	Corry W H Carrnackey Edgeworthstown Co Longford	Shorthorn
Blackburn W Ardes Street Bally Co W cknow	Shorthorn	Coulson J Edrelogue Clonsa Co Monaghan	Shorthorn
Bolster B R ver Vew Kantuck Co Cork	Shorthorn	Courcy Mrs de Coolraun House Limerick	Shorthorn
Bond R H Furry Hall Rathowen Co Westmeath	Hereford	Craig Joseph G Killegg Ballinacraone Co Donegal	Shorthorn
Boothman K W Jobs own Tallaght Co Dublin	Shorthorn	Cran J Ballyeden, Clonsilla Enniscorthy Co Wexford	Shorthorn
Botwell D Kilmacraun Silverstream Co Monaghan	Shorthorn	Cream Rev E A Rockwell College Cashel Co T pperary	Shorthorn
Bowden Jos Corbesh House Corbeshall Co Cavan	Shorthorn	Croan J Ardmore Danamon Roscommon Co Roscom	Shorthorn
Boyle John Drumhanna House Lettermacaduff Co Donegal	Aberdeen Angus	Crofts, Dr G H M Clonsilla Clonsilla Co Cork	Hereford
Boyle Miss P K Bushey Park Enniskerry Co W cknow	Jersey	Croker Geo P Larkfield Waterford h Kilkenny	Friesian
Bradley M Cloonekethone Hollymount Co Mayo	Shorthorn	Crotty R chard, Ballinaclogh Traamore Waterford	Shorthorn
Breen, Thomas, Ballinacraone Barnstown Co Wexford	Shorthorn	Cuffe Sir Otway Wheeler Bt Leyrath Kilkenny	Shorthorn
Brennan John Silverne Waterford Kilkenny	Shorthorn	Cullen M Knoxtown, Clonsilla Enniscorthy Co Wexford	Shorthorn
Brown Stephen J Ard Caen Naas Co Kildare	Jersey	D	
Brown T Killybegs Ballynabrook Co Monaghan	Shorthorn	Darby Jonathan C Leap Castle Roscrea Co T pperary	Aberdeen Angus
Browne, Alex. Corcalegue House Coolfally Co Cavan	Shorthorn	Darby James New Forest Mount Bellew Co Galway	Irish Kerry
Brown Patrick Ballysheen Kullin ck Co Wexford	Shorthorn	Daresbury Lord CVO Mount Coote Kilmallock, Co Limerick	D Shorthorn
Bruen Capt. H A. Straw Hall Carlow	Aberdeen Angus	Darley Miss M L Violet Hill, Bray Co W cknow	Jersey
Bru Thomas Ballygomman Barnstown Co Wexford	Shorthorn	Darvill T Ballyall Gallagher New Ross, Co Wexford	Shorthorn
Bryce Col. A Carmichael Bormont Manor Enniscorthy Co Wexford	Friesian	Dawson P Cross ow Tulloh Co Carlow	Shorthorn
Buckley Mrs T Ivy Lodge Bishopstown Co Cork	Shorthorn	Dawson S C The Cloghnan Stud Cloghnan Co Dublin	Shorthorn
Burgh L Col T J fe of Oldtown Naas Co Kildare	Aberdeen Angus	Deacon H Coolought Clonsilla Co Wexford	Shorthorn
Burkell Drughda Co Cork	Shorthorn	Dean M ss Longra gne Foulks Mills, Co Wexford	Friesian
Butter Jas. W Waterville House Waterville Co Kerry	Shorthorn	Deane Morgan Hon Robert F Springfield Castle Drumcollogher Co Limerick	Shorthorn
Butter R A Popeshall Skerres Co Dublin	Aberdeen Angus	Dease Maj W G Turbotstown Coole Co Westmeath	Aberdeen Angus
Butler Lt Col S Richard Peter Bt. Ballin Tempe Co Carlow	Aberdeen Angus	Deasy And ew Maryborough House Tuncelore Co K	Shorthorn
BYRNE PATRICK, Kilmacraun Carlow Co Carlow	D Shorthorn	Deasy M H The Folly Quail Carlow Co Wexford	Friesian
Byrne Richard J Rossmakay Dundalk Co Louth	Aberdeen Angus	Dennyhy Cornelius J Ballygomman, Owens Co Cork	Friesian

[illegible]

berdeen Angus
horthorn
ries an

[illegible]

Name and Address	Breed	Name and Address	Breed
J		J	
Jameson R D Delvin Lodge Balbraggan Co Dublin (s)	Red Poll	McGee Peter Eagle House Na n Street, Arva Co Cavan	Friesian
Jeffery A E F Rathcoursey Middleton Co Cork	Aberdeen Angus	McGee John J Portlough House Co Sligo	Shorthorn
Jeffers J W Horetown Foulksmills Co Wexford	Aberdeen Angus	MacGillycuddy of the Recks Col the Beaufort Co Kerry	Kerry
Jennings J W Brookville Dundalk Co Louth	Shorthorn	MacGillycuddy J A Flesk Castle Killarney Co Kerry	Kerry
Jessop G Clourcher Maryborough Co Linc (s)	D Shorthorn	McGrath John B Annamult, Stoneford Co Kilkenny	Shorthorn
Johnson W J Clone House Monamolin Gorey Co Wexford	Shorthorn	McGrath Patrick Ballynaw Waterfall Cork	Shorthorn
Jones E Town View Urringford Thurlies Co T pperary	Friesian	McGuckin G Dunwilly House Stranorlar Co Donegal	Shorthorn
K		McGueness John Newtowna Dargy Dundalk Co Louth	Shorthorn
Kealy John Cloncroff Horeslack Co Westmeath (s)	Shorthorn	McKay John C Falias House Beaufort Co Kerry	Kerry
Keane M J Coolmakee Crookstown Co Cork	Herford	McKenna J L coach House Glasslough Co Monaghan	Shorthorn
Keefe M Creaveagh Co Meath	Shorthorn	McKerrett V V Kilkenny Cottage Dundalk Co Louth (p)	Friesian
Keene A Parker Castle Grange Ashford Co Wicklow	Friesian	M Kiley Robert Sessagmore Castle n Co Donegal (s)	Shorthorn
Keene F Coolinagh Oylegate Enniscaorthy Co Wexford	Shorthorn	MacLysaght E. Hazelwood, Mallow Co Cork, (s)	D Shorthorn
Keirans Felix Glynn House Avebliss Co Monaghan	Shorthorn	MacLysaght E. Hazelwood, Mallow Co Cork, (s)	Kerry
Kelcher T Shanakill Bante r Co Cork	Shorthorn	McMullen H. Killeen Farm, Birt Offaly (s)	Shorthorn
Kelly Denis Aileen House Donohill T pperary	Aberdeen Angus	McMullan Wm. Dunmore Duffrow Le s	Aberdeen Angus
Kelly Joseph Ballinagh Moate Co Westmeath	Shorthorn	Magdalen L Col J C W Hinton Park Clones Co Monaghan	Shorthorn
Kelly M Aumball Bree Enniscaorthy Co Wexford	Shorthorn	Magill M S E A Churchtown House Beaufort Co Kerry (s)	Aberdeen Angus
Kelly Michael Liffordtown Carlow	Shorthorn	Maginn P F J Kilkenny Dairy Drogheda Co Louth	Shorthorn
Kenmare Earl of Kenmare House Kilmarnock Co Kerry (p)	Kerry	Maude A P Belard Castle Clontarf Dublin	Shorthorn
Kenneil John Richmond House Glanmore Co Cork	Aberdeen Angus	Maun E R hard Bolane Kildimo Co Limerick	Shorthorn
Kennedy J J Bagan Drom, Templemore T pperary	Friesian	Maydon Thomas Milltown Rockcory Co Monaghan	Shorthorn
Kerr Edwin Rossmore Slane Co Meath	Shorthorn	Meegan E P Hoathstown Woodtown Ardee Co Meath	Shorthorn
Kerry The Knight of Valentia Island Co Kerry	Kerry	Melia John Charstown Ardee Co Louth	Shorthorn
Kernan J J Aghavanns Gowna Co Cavan	Shorthorn	Melecham Kilmene Castle Drogheda Co Louth (s)	Shorthorn
Kilroy W E Moat View O deast e Co Meath (s)	Aberdeen Angus	Miles G P Ashburnham Rathcoombe Co Cork	Shorthorn
Kington Wm T Laragh House Bandon Co Cork	Aberdeen Angus	Mitchin J P Thornvale Cloughjordan Offaly	Herford
Kissella W Crossstown Castle bridge Co Wexford (p)	Shorthorn	Mitchell Wm W Old Ballymore Eustace Co Kildare	D Shorthorn
Kirkpatrick W T Donacomper Castle bridge Co Kildare	Aberdeen Angus	Montgomery Alexander Ballinade Co Monaghan	Friesian
L		MONTGOMERY MISS GRACE, Broom Hill, Muckinstown, Co Cork	D Shorthorn
Lace W a Castle Ellis The Ballagh Enniscaorthy Co Wexford	Shorthorn	Montgomery J Keneham Manorunningham, Co Donegal	Shorthorn
Ladlow Thomas K Luttrellstown Clonsilla Co Dublin	Aberdeen Angus	Moore Capt Charles Moorsfort, Tipperary	Shorthorn
La or T J Balard House K beggan Co Westmeath (p)	Shorthorn	Moore G E Frayne House Athboy Co Meath (s)	Herford
Langford N C D S O Rathkeale Abbey Co Limerick	Friesian	Moore J Boley Shanaboe Mountsrath Leix	Shorthorn
Lane Vount D S O Portumna Castle Portumna Co Galway	Aberdeen Angus	Moore Col J Scott Manor Kilbride Co Dublin	Herford
Latta Robert A Ballinakill Ballycarney Ferns Co Wexford (s)	Shorthorn	Morgan Col T P Carrigaline Cork	Herford
Leahy J Abbey Land Castleloush Co Cork	Shorthorn	Morony W Ellesmere, Boyle, Co Roscommon	Aberdeen Angus
Leahy W harl Deep Park House Kilkenny	Shorthorn	Morris Patrick Ayrfield Keshby Dublin	Shorthorn
Leeson Marshall Wm M R Callanagh, Milltown Co Kerry	Kerry	Murphy A Knockashelagh Cork	Shorthorn
Lehane John Crossinabon Lissarda Co Cork	Aberdeen Angus	Murphy Thomas Aghalane Nenagh Co T pperary	Aberdeen Angus
Lehane Timothy Annaghmore Ballinabassag Co Cork	Aberdeen Angus	Mount Mellary Abbey Cappoyn n Co Waterford	Shorthorn
Leister The Exors of the late Duke of Carlton Maynooth Co Wick	Kerry	Mullane M W Glenmore Strand P O Newcastle West, Limerick	Friesian
L E Strance H G J snalurg Shigo	Friesian	Mullen T Orestown Kells Co Meath	Shorthorn
Lloyd Mrs Heathfield Kilmadey Newcastle West Co Limerick	Friesian	Mullen J Tobernna Davinstown Enniscaorthy Co Kerry	Shorthorn
Loder Col G Eyrefield Lodge Curragh Co Kildare	Aberdeen Angus	Mullins D K leens Ballymonty Thurlies T pperary	Herford
Logan George Ballinacra Carrigrohane Co Cork	Aberdeen Angus	Mulready Michael P Tuamgraney Co Clare	Kerry
Ludgate E Gurtinb ney Louthstown Co Cork	Shorthorn	Munster Institute Cork	Kerry
Lynch A s E M Ballyna hore House Gorey Co Wexford	Shorthorn	Murphy Wm E Johnstonstown Riestown Dundalk Co Louth	Shorthorn
Lynch James Ballinacree Cappagh Co Waterford	Shorthorn	Murphy Henry T Rutate Curraghary Co Louth	Friesian
Lysaght S R Hazlewood Mallow Co Cork	Shorthorn	Murphy J J Kil area Threacettes, Co Kilkenny	Shorthorn
M		Murphy James Ballinacree Blackwater Co Wexford	Shorthorn
Macan A Drumacra Castle Bellingham Co Louth	Shorthorn	Murphy M H Knockreeghy Adamsstown Co Wexford	Friesian
Macardie Peter Faughart House Dundalk Co Louth	Shorthorn	Murphy T J Sil esping House Cork	Shorthorn
Macardie W L Ballywalter Gorey Kilmuckridge Co Wexford	Shorthorn	Murphy Thomas P Castle new House Macroom Co Cork	Aberdeen Angus
McBride J M Mallow Cottage Westport Co Mayo	Friesian	Murray Peter Farm Stroketown Co Roscommon (s)	Shorthorn
McCaughy A Raffeanan Ballynade Co Monaghan	Shorthorn	Myers Jas. J Gralla h House Thurlies, T pperary (s)	Aberdeen Angus
McCann H Glenaleck House Co Donegal	Shorthorn	N	
McCaldin James Gillingham Monaghan	Shorthorn	Na h W J Glynnwood Athlone Co Westmeath	Shorthorn
McCaldin John Knockree Monaghan	Shorthorn	Neehan James Greenhal Castle ar Co Cork	Shorthorn
McCaldin W A Glenavue Mona han	Shorthorn	Nesbit Fdw rd John B Tubberdally Edenderry Offaly	Aberdeen Angus
McCarthy Rt Rev P J Mount St. Joseph Abbey Roscrea Co T pperary (s)	Shorthorn	Nesbit E n cholas Ga rhyubock Screen Co Wexford	Shorthorn
McClint J J Diomedey Courrahy Clones Co Donegal	Shorthorn	Newport Mrs E Ballyvaughan Kilkenny	Friesian
McConnell W J Castellanagh Raphoe Co Donegal	Friesian	Noble T Leger House Clones Co Monaghan	Shorthorn
McCorrick A B Carrowen Burt Co Donegal	Shorthorn	Norman Robert Ballinakill Castle na shon Newcastle West Limerick	Friesian
McCorrigan R hard Dunquo T Kilmaleuca Co T pperary	Shorthorn	O	
McCormack J J Williamstown Kells Co Meath	Friesian	O'Brien Patrick J Drummae Ballinacree Co Limerick	Aberdeen Angus
McCormack J A S Drummae Kells Co Donegal	Shorthorn	O'Brien A in Newtowna Cough andon Co T pperary	L R Shorthorn
McCormack John M S Gerrastown Ballyboughal Co Dub n	Aberdeen Angus	O'Brien P F Deansgrange House Foxrock Co Dublin	Shorthorn
M Donald C Laharan Minane Bridge Carrigrohane Co Cork	Shorthorn	O'Brien P F Deansgrange House Foxrock Co Dublin	Friesian
M Donald, J S Ballyeden Clonroche Co Wexford (p)	Friesian	O'Brien T mothy Ballinacree Cork	Friesian
M Donald James Honeybrook Clogha Nils Vounon n R Wexford	Shorthorn	O Byrne M H Shilinae n Tagoos Co Wexford	Shorthorn
McDonnell Thos Tankardstown Dundalk Co Louth	Shorthorn	O Callaghan Wm. Scarragh Lombardstown Mallow Co Cork	Shorthorn
McDonnell Mrs. Morley Dal ndrat, Lifford Donegal	Aberdeen Angus	O Connor B Carryhubock Screen Co Wexford	Shorthorn
N		O'Connor Donnela Connelton Mallow Co Cork	Shorthorn
O		O'Connor Eugene Ashbourne Villa Knockanaherry Castle island Co Kerry	Aberdeen Angus
P		O'Connor J Armestown House New Ross Co Wexford	Shorthorn
P		O'Connor John Ahalan Ballygarry Co Limerick	Friesian
P		O'Connor John Cloneyne ney Tagoos Co Wexford	Shorthorn
P		O'Connor O Conastilla Stroketown Longford	Shorthorn
P		O'Connor S Aughnagally Enniscaorthy Co Wexford	Aberdeen Angus
P		O'Connor Wm Burton Churchtown Buttavert Co Cork	Friesian
P		O'Connor Don Clonal's Castlereagh Co Roscommon (s)	Shorthorn
P		O'Dell L Col T S Killeesh Pk. Moate Co Westmeath (p)	Herford
P		Odium W H Ardmo e Bray Co Wicklow	Jersey

Name and Address	Breed	Name and Address	Breed
V			
Vandeleur The Hon Mrs. Cahisnon Enns & Co Clare	Jersey	West John S Drumbooy House Lifford Co Donegal	Shorthorn
Verling Robert Null St Anne Castledown Co Cork	Shorthorn	Welsh Cochran Carnarvon Smithboro Co Monaghan	Shorthorn
Vesce Viscount de Home Farm Abbeylisle Le x	Shorthorn	Werner Alfred Rockmount Dundrum Co Dublin	Jersey
Villiers-Stuart I H F Droimna Cappoan Co	Aberdeen Angus	West James Scottishboro Clones Co Monaghan	Shorthorn
Waterford	Shorthorn	White Col J Grove Killybryne Doneraile Co Cork	Fr esian
VINCIGY ARTHUR R. D.L. Muckross Abbey Killarney	Shorthorn	White R F H Agavee Grange Ballacolla Abbeylisle	Shorthorn
Co Kerry	Kerry	Leix	
W			
Wade T Clowings S raffan Co h idare	Shorthorn	Wicklow Earlod Shelton Abbey Arklow Co Wicklow	Aberdeen Angus
Walker B Lathimerstown Wexford	Shorthorn	Wicklow Alexander Cortagh Monaghan	Shorthorn
Walker W J Ballyhennessy Killynuck Co Wexford	Shorthorn	Wicklow C Ardane Foyles Co Limerick	Dexter
Wallace J H Bellfield Offaly	Shorthorn	Wilkinson W F C St. Oswalds Ballinacorney Co Limerick	Friesian
Waller Vee Admiral A Craig Allentown Kells Co	Hertford	Williams Essex Curbowood Ballysodare Co Sligo	Shorthorn
Meath	Hertford	Williams George Grange Skreen Co Sligo	Shorthorn
Walls Chas Thos Dorney Court Shankill Co Dublin	Hertford	Williams Hlas Ardagh Skreen Co Sligo	Shorthorn
Walpole W J Castleknock S rookstown Longford	Hertford	Williams R C Coolower House Macroom Co Cork	Aberdeen Angus
Walsh P K Bilsao Cappamore Co Limerick	Hertford	Wilmington J St Kierman's Birr Offaly	Aberdeen Angus
Walsh R Chard hallowen Blarney Co Cork	Hertford	Wilson Arthur J Lacken Lodge Kilkenny	Shorthorn
Walsh Thos J Cypress Grove Templemore Co Dublin	Hertford	Wilson Slater M S G B White Hill Ldgeworthstown	Shorthorn
WANDERFORD CAPT R H FRIGER D L Castlecomer	Hertford	Co Longford	
House, Castlecomer Co Kilkenny	Hertford	Wise Thos Carrickmore St. Johnstone Co Donegal	Shorthorn
Ward Mrs L Droimtraha Collis & Abbeylisle Co Limerick	Hertford	Windham Capt C A Dartrey Cotehill Co Cavan	Shorthorn
Warren H J Sprignoun Gores Co Wexford	Hertford	Wolfe J J Maul House Rosscarbery Co Cork	Shorthorn
WATSON W F H. Ballingarrane Clonmel Co	Hertford	Wolfe William R ngrane House Kinsale Co Cork	Aberdeen Angus
Tipperary	Hertford	Woods Capt E G Merton Hall Skerries Co Dublin	Aberdeen Angus
Watt James Clargh Ramelton Co Donegal	Hertford	Woods R Ballynahilly Killypardon Co Donegal	Shorthorn
Webster William Ballynaden Kilmuckridge Co Wexford	Hertford	Wray James S Rockfield Castle Co Donegal	Shorthorn
	Hertford	Wright J F Prumpleston House Castleblairn Co	Shorthorn
	Hertford	Kildare	
	Hertford	Wright Richard h. Kuffee Mageny Co Kildare	Shorthorn
	Hertford	Wyndham Qu no Lady Eve Castletown Carrick-on-Suir	Hertford
	Hertford	Tipperary	

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
A			
Acheson George R Rush Hill Drumma Co Roscommon	Roscommon	Dobson John J Scrabban Kilmacnashta Co Waterford	Southdown
Aheson Lou & P Rush Hill D um Co Roscommon	Roscommon	Drury John Ardallagh Boyle Co Roscommon	Scottish Down
Agricultural College Drumma Drumm	Suffolk	Dunne W Ballyhughan huloock Co hildare	Suffolk
Agricultural School Clonahilly Darrara Clonahilly	Bord Leicester	Dunne Col William Jonestown Idenderry Offaly	Shropshire
Co Cork			
Agricultural Station Athlery Co Galway	Roscommon	E	
Armstrong John Cloncarra Clones Co Monaghan	Roscommon	Eans J G Julianstown Nobber Co Meath	Suffolk
	Roscommon	Eard Col Sir N T Bt Randestown Navan	Shropshire
	Roscommon	Meath	
B			
Ballesty Eugene S nonstown Rathconrath, Mullingar Co	Roscommon	F	
Westmeath		Fawcett J E J Toam Blacklion Co Cavan	Shropshire
Barry A A Banagar Offaly	Suffolk	Fennell W J Burtown House Athy Co h idare	Shropshire
Barrington Rt Hon Lord Cardigan Manor T pperary	Roscommon	Fisher G E Westtown House Dunlavin Co Wicklow	Suffolk
Berger J J Maybrook Athy Co h idare	Roscommon	Fitzgerald Michael J Synone Castel Co T pperary	Suffolk
Bla & Oliver Ballyn amelton Co Donegal	Bord Leicester	Fitzgerald W M Monaville Clones Co Monaghan	Bord Leicester
Boothman K W Jobstown Tallaght Co Dublin	Suffolk	Fitzmaurice P J Elphin Co Roscommon	Bord Leicester
Bowden Louis Cortobor House Cotehill Co Cavan	Bord Leicester	Fitzmaurice The Earl Colonsilla Park Shillagh Co	Bord Leicester
Boyd J B Wellington Bridge Co Wexford	Bord Leicester		
Boyle John Drumbarina House Doves Lettermacaward	Bord Leicester	Flanagan Frank J Tomona, Tulsk Co Roscommon	Roscommon
Co Donegal		Flanagan John Wolfe Lecarrow Boyle Co Roscommon	Roscommon
Brabazon William Granard Co Longford	Roscommon	Franks Harry Westfield Monrath Leix	Bord Leicester
Bradley Michael Clonbunne Hollymount Co Mayo	Roscommon	Franks George Rockville Drumma Co Roscommon	Roscommon
Brangan R Headfort Place hells Co Meath	Roscommon	Freyne Rt Hon A Barne de Francpark, Co Roscommon	Roscommon
Brennan T I Fortw Co Roscommon	Roscommon		
Browne John Lemanore Mull Co Donegal	Bord Leicester	G	
		Gamble J B Foyles Carlin Co Donegal	Bord Leicester
C			
Carty Thomas Ballinshane Crossbeg Co Wexford	Lincoln L W	Gargan E A Cullen Mullingar Co Westmeath	Roscommon
Charlton Col R B The Lodge Cahir Co T pperary	Shropshire	Gill Herbert S Yeomanstown, Naas Co h idare	Suffolk
Collins C B Glenmore House Newcastle West Co	Oxford Down	Gleeson W W Southfield, Neugha Co T pperary	Lincoln L W
Limerick		Glover W Fohenagh Ballinbutter Co Mayo	Roscommon
Connet Matthew Camogie Clonquinn Elphin, Co	Roscommon	Graham W C Ballyconneigh Tullamore Offaly	Roscommon
Roscommon		Grier T W Aughnash Ramelton Co Donegal	Bord Leicester
Conry P D Raheen Mantua Co Roscommon	Roscommon		
Cooper Maj B R Markree Castle Colmoyne Co Sligo	Roscommon	H	
Cornan J H Garretstown House Rathvilly	Suffolk	Hales T hocknascurra Bandon Co Cork	Bord Leicester
Carlow		Hartman A S Midegh House Oldcastle Co Meath	Suffolk
Cormican Pat & Glenbeg Oldcastle Co Meath	Suffolk	Hayer W B Bosen House Broma Offaly	Suffolk
Cormican Paul W Street Newbridge Co hildare	Suffolk	Henry J J Jones Ardnamon, Sligo Co Roscommon	Roscommon
Cotter W W Bricfield hells Co Roscommon	Suffolk	Holland C Model Farm Athy Co h idare	Suffolk
Cullen H H Killybeg Ballagh Finnacorney Co Wexford	Lincoln L W	Hope Edward, Garlandstown Crookedwood Mullingar	Roscommon
Curtin M H Fartan, Tournafulla Co Limerick	Oxford Down	Co Westmeath	
		Hunter J Clonsilla Sligo	Suffolk
D			
Daly P J St Anthony's Portmarnock Dublin	Suffolk	Jackson Geo B Knocknaghy Lodge Carlow	Shropshire
Deane-Deane Capt C V Stokenew New Ross Wexford	Suffolk	Jameson Robert D Delv n Lodge Ballyragga Co	Shropshire
Deane Maj W Co Turbotstown Cicle Co Westmeath	Suffolk	Dublin	
Dowling R Russellstown House Mullingar Co Westmeath	Oxford Down	Jessop G N Clougher Maryborough Co Le x	Oxford Down

Name and Address	Breed	Name and Address	Breed
K		P	
Kealy, J. N. Clonroff, Morepark, Co. Westmeath (c)	Roscommon	Jayne D. Enfield Castle, Co. Roscommon	Roscommon
Keane, John, Balla Kera, Moyvane, Mullingar, Co. Westmeath	Roscommon	Phillips Frank Corboy 14geworthstown Co. Longford	Roscommon
Keary, J. J. Castlegrace, Tullow, Co. Carlow	Suffolk	Place A D. Rosemount New Ross Co. Wexford	Suffolk
Kernan James, Dysart, Mull. car Co. Westmeath	Roscommon	Loole J. H. Ballinbeg House Ferns Co. Wexford (cp)	Suffolk
Kelly A. M. Rte. Ruan Linn Co. Clare	Oxford Down	Lotterton H. J. Arkell House Carbury Co. Kildare (c)	Oxford Down
Kelly P. Carnollas n. Four n. House Co. Roscommon	Roscommon	Prim J. H. L. Nore Cottage Dunbell Co. Kilkenny	Oxford Down
Kelly T. J. J. H. H. Lethard on Sea Co. Wexford	Suffolk		
Kenny M. J. Fresh Castle M. W. W. Mullingar Co. Clare	Roscommon	R	
Kiwan, Thomas, Greenpark, Mullingar Co. Westmeath	Roscommon	Rafter L. Ballinacraig Innscorthy Co. Wexford	Suffolk
Kilroy W. L. Moat View Oldcastle, Co. Meath (c)	Oxford Down	Reynell Richard Killynallan Killynallan Co. Westmeath (c)	Lincoln L.W.
King Albert H. Brule Lodge Innscorthy Co. Wexford	Bord Leicester		
Kinsella, W. Crostown, Castlebridge, Co. Wexford (ph)	Lincoln L.W.	Robbns Mr. John Highdown Mullingar Co. Westmeath	Roscommon
		Rochford Mrs. Lloyd M. dilleston Park Castlestown Westmeath	Roscommon
		Rorke C. Borough View Clonneygunn Co. Roscommon	Suffolk
		Rorke T. Borough View Clonneygunn Co. Roscommon	Roscommon
		Rotherham Mrs. V. M. Castlecoole Oldcastle Co. Meath (c)	Oxford Down
		Rosse Trustees of Earl of Lincoln B. R. Offaly	Suffolk
		Ryan C. Gaunstown Mullingar Co. Westmeath	Roscommon
		S	
		St George, J. E. K. Rush House Freshford Kilkenny (c)	Oxford Down
		St Lawrence J. C. G. Howth Castle Co. Dublin (c)	Shropshire
		Sammy H. B. W. Ashborough Ballinacraig Co. Roscommon (c)	Roscommon
		Scallan P. Coole Clonroche Co. Wexford	Suffolk
		Shanley John Lugbury Elphin Co. Roscommon	Roscommon
		Shirley May E. C. Lourgh Fea Carrickmacross, Co. Monaghan	Suffolk
		Smith J. J. Newborough Patrickswell Co. Limerick	Suffolk
		Smith Lt-Col E. St. G. Duleck House Duleck Co. Meath	Suffolk
		Smith Barry J. H. Fota Island Cobb Co. Cork (cp)	Shropshire
		Staples, Miss Katherine A. Dunmore Durrrow Leix (c)	Bord Leicester
		Stevens H. D. P. Castle Coote Roscommon (cp)	Oxford Down
		Stubbs Major R. Hamilton Moyne Durrrow Leix	Shropshire
		Synnatt, Mrs. B. Furness Naas Co. Kildare	Suffolk
		T	
		Taylor T. H. Ballinamore Bridge Ballinacraig Co. Galway	Oxford Down
		Tomkins J. W. Seaview House Clonavea Gorey Co. Wexford	Bord Leicester
		Turp n. Stephen Kildonaghue Riverstown Co. Cork (c)	Bord Leicester
		Tynte, Miss V. Tynte Park Dunlavin Co. Wicklow	Suffolk
			Shropshire
		V	
		VINCENT ARTHUR R., Muckross Abbey Kilkenny Co. Kerry	Scotch B face
		W	
		Waller V. ce Admiral A. Crai Allenstown Kells Co. Meath	Suffolk
		Webb M. C. H. W. Clonroche Castlepollard Westmeath	Suffolk
		Webster Edward Garryrath Ferns Co. Wexford	Bord Leicester
		Webster Nathaniel Rahenduff Oulart Gorey Co. Wexford	Bord Leicester
		Weir John S. Drumbooy House Lifford Co. Donegal (cp)	Bord Leicester
		White Col. J. Enniscorthy Donamon Co. Roscommon	Roscommon
		White Col. J. Grove Killybegs Doneraile Co. Cork (c)	Suffolk
		Whyte Mrs. M. J. J. W. W. Clonroche Castle Co. Kildare	Suffolk
		Williams G. & R. K. Carricknagat Ballinacraig Co. Sligo	Suffolk
		Williams R. C. Coolcower House, Macroom, Co. Cork (c)	Bord Leicester
		Widdon Arthur J. Lacken Lodge Kilkenny (cp)	Oxford Down
		Wood Varden H. H. Cleveragh Sligo	Suffolk
		Wray James Henry Ballinacraig Rathoe Co. Donegal (h)	Bord Leicester
		Wright J. P. Prumplestown House Castlelennet Co. Kildare	Suffolk
		Wright William Ballinacraig Co. Westmeath	Roscommon

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agnes, College, Albert (Prof J. P. Drew) Glasnevin, Dublin	Large White	Bewley Ernest Danum Rathar Dublin	Large White
Agricultural School, Clonakilty Darrara Clonakilty Co. Cork	Large White	Boylan Capt. E. T. Hilltown House Drogheda Co. Louth	L.W. Ulster
Agricultural Station, Athlone Co. Galway	Large White	Bradley N. Clonkeethone Hollymount, Co. Mayo (c)	Large White
Alexander Maj. John Milford Co. Carlow	Large White	Broose A. T. Fetherstonhaugh Curratstown, Kilkenny	Module White
Askwith J. L. H. Advamey, hesh Co. Fermanagh	L.W. Ulster		
Bailey Hon. Arthur Grange Co. Co. Wicklow	Large White	Brown, Stephen J. Ard Cassin Naas Co. Kildare	Large White
Baylis Capt. E. F. D. O. Beaumont, Drogheda Co. Louth	L.W. Ulster	Brown Capt. H. A. Straw Hall Carlow	Large White
Bailey Maj. L. A. Ballinacraig Woodbridge Co. Wicklow	Large White	Bryan, Col. L. A. Bortomount Manor Enniscorthy Co. Wexford	Large White
Beltingham Mrs. A. A. Shearwater Bally Co. Dublin (c)	Large Black	Bailey Lt-Col. Sir Richard Pierce, Mt. Ballin Temple Tulow Co. Carlow	Large White
Beltingham, Dr. Gen. Sir Edward H. C. P. Bt. H. M. L. C.M.G. D.S.O. Castle Beltingham Co. Louth	Large Black		
Beltingham Lady, Castle Beltingham Co. Louth	Large White		
Bergin J. J. Maybrook, Athy Co. Kildare	Large White		
		Chaloner C. W. Cherrymount Kells Co. Meath	L.W. Ulster
		Cherwood Alden, Maj. H. Woodstock, Portlanning Linn	Large Black
		Clarke, E. J. Agbamarta Castle Carrigrohane Co. Cork (c)	Large White

Name and Address	Breed	Name and Address	Breed
Clayton, Brig Gen Robert B, Brownes Hill, Carlow (c)	Large White	Lalor, T J, Ballard House, Kibbegan, Co Westmeath (c)	Large White
Clinton, T T, Mayne, Castle Bellingham, Co Louth (c)	Large Black	Latta, Robert A, Ballinakill, Ballycarney, Ferns, Co Wexford (ca)	Large White
Conolly, Maj P M, Castletown Celbridge, Co Kildare (c)	Large White	McDonald, J S, Ballyeden, Clonroche, Co Wexford (c)	Large White
Conyngham, The Dowager Marchioness Slane Castle, Co Meath (c)	Large Black	McNeill, M V, Kilkenny Cottage Dundalk, Co Louth (c)	Large Black
Cootle, Maj C Purdon, Bearfores, Mallow, Co Cork (c)	Large White	MacLysaght, E, Hazelwood, Mallow, Co Cork, and (ca)	Irish L. White
Cope S C, Prumpestown, Castledermot, Co Kildare (c)	Large White	Rabben, Tuamgraney, Co Clare (ca)	Irish L. White
Coppen, C, Castle Boro' Sawmills Clonroche, Co Wexford (c)	Large White	Massy, Maj W J J, Sloneville, Rathkeale, Co Limerick (ca)	Irish L. White
Cowan, F H, Garrettstown House, Rathvilly, Co Carlow (ca)	Large White	Mitchell, Maj C S, Ballynure Grangecon, Co Wicklow (c)	Large White
Corrigan, Patrick, Glenboy, Oldcastle, Co Meath (ca)	Large White	Moorhead, Joseph T, Rafeenan, Ballinsloe, Monaghan (c)	L.W. Ulster
Cuffe, Sir Otway Wheeler, Bt, Leyrath, Kilkenny (c)	Large Black	Murray, Maj F S J, Mostown, Longford (c)	Large Black
Drew, Prof J P, Albert Agric. College Glasnevin, Dublin (ca)	Large White	O'Brien Edmund R, Lakelield Fethard Co Tipperary (c)	Large White
Dunne, W, Ballyloughan Kilkock, Co Kildare (ca)	Large White	O'Brien, Michael Ardmore, Charleville, Co Cork (c)	L.W. Ulster
Evans, J G, Julianstown, Nobber Co Meath (c)	Large Black	O'Connor, Mrs O B E, Charleville, Dunker Co Louth (c)	Large Black
Fagan, Lt Col B J, Graigue Avenue Portlannington, Leix Ffords Thomas R Bruckless, Co Donegal (c)	Middle White	O'Dell, Lt Col T S, Killeleagh, Moate Co Westmeath (c)	L.W. Ulster
Fottrell H B, Gragarnagh Farm, Castlenook Co Dublin (c)	Large White	O'Hara, Maj C H, H.M.L., Annaghmore, Collooney Co Sligo (ca)	Large White
Furlong J J, Littlegrange Duncomack, Co Wexford (c)	Large White	Pack Beresford, D R, Fenagh House, Bagnalstown Co Carlow (c)	Large White
Garstin, N E, Upper Noville Rectory, Noville Co Donegal (c)	L.W. Ulster	Perry, John, Burdhill, Clonmel, Co Tipperary (c)	Large White
Gibbon, Col Siedgah Wexford (c)	Large White	Place, A D, Rosemount, New Ross, Co Wexford (ca)	Large White
Graham Toller, Capt L Beechwood Park, Nenagh, Co Tipperary (c)	Large White	Poole, J H, Ballbeg House, Ferns, Co Wexford (c)	L.W. Ulster
Grey, Wm J Barnhill Dalkey Co Dublin (ca)	Large White	Quinn, Col R P W, Borlough Manor, Inch, Co Wexford (c)	L & M. White
Hall Dore Robert W Newtonbarry House Newtonbarry, Co Wexford (c)	Large White	Rathwell, J A, Ballycanew Gorey, Co Wexford (ca)	L. White
Harold, James Bohard Feenagh, Charleville, Co Limerick (c)	L.W. Ulster	Roe, Col W E, Ballyconnell House Ballyconnell, Co Cavan (c)	Middle White
Harvey, C F G, Dufferragh Farm, Gorey, Co Wexford (c)	Large White	Russell, W M, Glannore, Charleville, Co Cork (c)	Large Black
Harvey, John Valin Hall Malin, Lifford Co Donegal (c)	L.W. Ulster	Smith Barry J H, Fota Island, Cobh, Co Cork (ca)	Middle White
Hely Hutchinson, Lt Col C, Lissen Hall, Sworick, Dublin (c)	Large White	Smyth H M, Drumcree, Westmeath (c)	Large White
Henry, J F Jones Ardarmoon, Sligo (c)	L.W. Ulster	Stephens, J Irwin, Tomsallagh House, Ferns, Wexford (c)	Large White
Huckle Gen Sir Wm B, Slevoire Borrisokane, Co Tipperary (c)	Large White	Stevens H D E, Castle Cootie, Roscommon (ca)	Large White
Jones, W E, Woodside Hacketstown Co Carlow (c)	Large White	Sunderland S, Ballinscraw, Monamolin, Gorey, Co Wexford (c)	Large White
Kearney D Maryville Ballyntemple Co Cork (c)	Large Black	Toler Aylward, H J, Shankill Castle, Whitehall, Co Kilkenny (c)	Large White
Kenmare Earl of Kenmare House, Killybeg, Co Kerry (c)	Large White	Tyrrill, R, Ballandoolen, Edenderry, Offaly (c)	Large Black
Keppel, James Ballingmoone Magency, Co Kildare (c)	Large White	Verdon, M J, Salvale Ennisconny, Co Wexford (c)	Large White
Kinsella, W, Crossstown Castlebridge Co Wexford (ca)	Large White	Wagentreiber, Capt W H, Inchengagh, Lifford Co Donegal (c)	L.W. Ulster

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Bewley, Ernest Danum, Rathgar, Dublin (c)	Hackney	McGuinness Michael, Corbolls Ardee, Co Louth (c)	Clydesdale
Blood Mrs Aubrey E F le, Collon Drogheda, Co Louth (c)	Clydesdale	M Kinley, Robert, Sessaghmore, Castletin, Co Donegal (c)	Clydesdale
Bomford, John F, Oakley Park Kells, Co Meath (c)	Clydesdale	Murphy, H, New Grove Cootiehill, Co Cavan (c)	Clydesdale
Bradley M, Cloonkehane Hallymount Co Mayo (ca)	Hunters	Murray, Bernard, Castleblaney, Co Monaghan (c)	Clydesdale
Brady, John Woodpole, Carnaross Kells Co Meath (c)	Clydesdale	O'Hara, Maj C K, H.M.L., Annaghmore, Collooney Co Sligo (ca)	Hunters
Byrne, M Quarryhouse, Ballykelly, Monastererevan Co Kildare (c)	Clydesdale	O'Malley, Edward J, Woodlands, Santy, Co Dublin (c)	Clydesdale
Calseran John Francis Sunbury Blarney, Co Cork (c)	Clydesdale	O'Neill, Patrick J, Kinsalea House, Malahide, Co Dublin (c)	Clydesdale
Carroll Mrs E M, Rocklow Fethard Tipperary (c)	Hackney	O'Reilly, Joseph, Sans Souci, Booterstown, Co Dublin (c)	Hackney
Cibborn, Miss E M, Silverspang, Clonmel, Tipperary (c)	Hackney	Osborne, John, Bready, Churchtown, Co Donegal (c)	Clydesdale
D Arcy Morgan M D Arcy's Corner Tipperary (c)	Hackney	Power, Thos. Talbot, Mt. Mernon, Blackrock, Co Dublin (c)	Hackney
Dixon, J Talbot, "The King's Horse," Chapelizod Dublin (c)	Hackney	Quinn, John James Drumhilla, Ballybay Monaghan (c)	Clydesdale
Duffy, John Ardallagh, Boyle Co Roscommon (c)	Irish Draught	Rathwell, J A, Ballycanew, Gorey, Co Wexford (c)	Clydesdale
Gubbins, Francis J B, Kiltrush, Knocklong, Limerick (c)	Clydesdale	Sheldon, Wm A, Ashfield House Magherasalla Donegal (c)	Clydesdale
Halligan, Nicholas, Rath Ternonfeekin, Co Louth (c)	Clydesdale	Staples, Miss Katherine A, Dunmore, Durrow, Leix (c)	Clydesdale
Jessop, G N, Clourther, Maryborough, Co Leix (ca)	Clydesdale	Waller, Vice-Admiral A. Craig, Allcstown, Kells, Co (ca)	Clydesdale
Kinsella, W, Crossstown, Castlebridge Co Wexford (ca)	Irish Draught	White, Col J Grove Killybegne Doneraile Co Cork (ca)	Irish Draught
Landy, Michael Clernmont Park, Blackrock, Co Louth (c)	Clydesdale	Wray, James Henry, Ballykelly, Rathoe Co Donegal (c)	Clydesdale
Lawlor, J Percy, Insatstown House, Clondalkin Co Dublin (c)	Clydesdale		

DIRECTORY OF PEDIGREE STOCK BREEDERS.

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Name and Address	Breed	Name and Address	Breed
Clayton, Brig Gen Robert B., Brown's Hill, Carlow, Co Carlow (c)	Large White	Lalor, T. J., Ballard House, Killebegan, Co Westmeath (c)	Large White
Clinton, J. T., Mayne Castle Bellingham, Co Louth	Large Black	Latta, Robert A., Ballinakill, Ballycarney, Ferns, Co Wexford (c)	Large White
Conolly, Maj E. M., Castletown Celbridge, Co Kildare (c)	Large White	McDonald, J. S., Ballyeden, Clonroche, Co Wexford (c)	Large White
Coningsham, The Dowager Marchioness, Slane Castle, Co Meath (c)	Large White	McKevitt, M. V., Kilkreeky Cottage, Dundalk, Co Louth (c)	Large Black
Cooft, Maj C. Purdon, Bearfort Mallow, Co Cork (c)	Large White	McLIVISAGHT, E., Hazelwood, Mallow, Co Cork, and Rahen, Tuamgarney, Co Clara (c)	Irish L. White
Cope, S. C., Plumsteadtown, Castledermot, Co Kildare	Large White	Nassey, Maj W. J., Stoneville, Rathkeale, Co Limerick	Irish L. White
Coppen, C. Castle Boro Samuells, Clonroche Co Wexford	Large White	Mitchell, Maj C. C., Ballynure Grange, Co Wicklow	Large White
Corrigan, F. H., Garrettstown House, Rathvilly, Co Carlow (c)	Large White	Moonhead, Joseph T., Kilmacan, Ballymolin, Monaghan	L.W. Ulster
Corrigan, Patrick, Glenboy, Oldcastle Co Meath (c)	Large White	Murray, Maj F. S. J., Mossstown, Longford	Large Black
Cutler, Sir Otway Wheeler, Bt., Leyrath Kilkenny (c)	Large Black	O'Brien, Edmund R., Lakelield, Fethard Co Tipperary	Large White
Drew, Prof J. P., Albert Agric. College, Glasnevin, Dublin	Large White	O'Brien, Michael, Ardmore, Charleville, Co Cork	L.W. Ulster
Dunne, W. Ballyloughan, Kilkock, Co Kildare (c)	Large White	O'Connor, Mrs. O. B., Charleville, Duncker, Co Louth	Large Black
Evans, J. G., Julianstown Nobber, Co Meath (c)	Large Black	Odell, Lt. Col. T. S., Kildare Park, Co Westmeath (c)	L.W. Ulster
Fagan, Lt Col B. J. Graigue Avenue, Portlannington, Leix Florida, Thomas R. Bruckless Co Donegal	Middle White	O'Hara, Maj. C. H., H.M.L., Annaghmore, Collooney, Co Sligo (c)	Large White
Follett, H. B. Groganagh Farm, Castlemock Co Dublin	L.W. Ulster	Pack Beresford, D. R., Fenagh House, Bagnalstown Co Carlow (c)	Large White
Forster, Capt R. H., Rahanstown, Edfield, Co Meath	Large White	Perry, John, Bredhill, Clonmel, Co Tipperary	Large Black
Furlong, J. J., Lattregrange, Duncormuck, Co Wexford	Large Black	Place, A. D., Rosemount, New Ross, Co Wexford (c)	L.W. Ulster
Gaston, N. L., Upper Moville Rectory, Moville, Co Donegal	L.W. Ulster	Poole, J. H., Ballybeg House, Ferns, Co Wexford (c)	L.W. Ulster
Gibson, Col. Sledagh Wexford	Large White	Quin, Col. R. P. W., Borlagh Manor, Inch, Co Wexford (c)	L. & M. White
Graham Toller, Capt L. Beechwood Park, Nemagh, Co Tipperary	Large White	Rathwell, J. A. Ballycanew, Gorey, Co Wexford (c)	L. White
Grey Wm J., Barnhill Dalkey Co Dublin (c)	Large White	Roe Col W. E., Ballyconnell House, Ballyconnell Co Cavan	Middle White
Hall Dare Robert W., Newtonbarry House, Newtonbarry Co Wexford	Large White	Russell, W. M., Glanmore, Charleville, Co Cork	Large Black
Harrold, James Bohard Feenagh Charleville, Co Limerick	L.W. Ulster	Smith Barry, J. H., Fota Island, Cobh, Co Cork (c)	Middle White
Harvey, C. F. G., Duffearing Farm, Gorey Co Wexford	Large White	Smith H. W., Drumcree, Westmeath	Large Black
Harvey, John, Main Hall Main Lifford Co Donegal	L.W. Ulster	Stephens, J. Irwin, Tomalagh House, Ferns, Wexford (c)	Large White
Hely Hutchinson, Lt Col C., Lissen Hall, Swords, Co Dublin (c)	Large White	Stevens, H. D. E., Castle Cooke, Roscommon (c)	Large Black
Henry, J. F. Jones, Ardnamon Sligo	L.W. Ulster	Sunderland S., Ballinastraw, Monamolin, Gorey, Co Wexford	Large White
Hickey, Gen Sir Wm B., Sievoyre-Bornisokane, Co Tipperary	Large White	Tolet Aylward, M. J., Shankill Castle, Whitehall, Co Kilkenny	Large White
Jones W. E., Woodside Backetstown Co Carlow	Large White	Tyrell R., Ballandoolen, Edenderry, Offaly	Large Black
Kearney D. Maryville Hackettstown Co Cork	Large Black	Verdon, M. J., Salville Ennisorthy, Co Wexford	Large White
Kenmare, Earl of, Kenmare House, Killybeg, Co Kerry (c)	Large White	Wagentreber, Capt W. H., Inchinagh, Lifford, Co Donegal	L.W. Ulster
Keppel, James Ballymoone Magee Co Kildare	Large White	WATSON, W. F. H., Ballingarrane, Clonmel, Co Tipperary (c)	Large White
Kinsella, W. Crosstown Castlebridge, Co Wexford (c)	Large White	Werr, John S., Drumboyle House, Lifford, Co Donegal (c)	L.W. Ulster
		Williamson, J. St. hiernan's, Burr, Offaly	Large White
		Wilson, Arthur J., Lackan Lodge, Kilkenny	Large White

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Bewley, Ernest Danum Rathgar Dublin (c)	Hackney	McGuinness Michael, Corbally, Ardee, Co Louth	Clydesdale
Blond Mrs Aubrey E. J., Le Collon Drogheda, Co Louth	Clydesdale	McKinty, Robert, Sesaghamore Castle, Co Donegal (c)	Clydesdale
Bonford, John F., Oakley Park Kells Co Meath	Clydesdale	Murphy, H., New Grove Court, Co Cavan	Clydesdale
Bradley, J. Cloonkehone, Hollymount, Co Mayo (c)	Hunters	Murray Bernard, Castlublany, Co Monaghan	Clydesdale
Brody, John Woodpole, Carnaross Kells Co Meath	Clydesdale	O'Hara Maj C. K., H.M.L., Annaghmore, Collooney (c)	Hunters
Byrne, M. Quarryhouse, Ballykelly, Monasterevan Co Kildare	Clydesdale	O'Neil, Edward J. Woodlands, Santay Co Dublin (c)	Clydesdale
Calseran John Francis Sundry Blarney, Co Cork	Clydesdale	O'Neill, Patrick J. Kinsale House, Walshe Co Dublin	Clydesdale
Carroll, Mrs E. M. Rocklow Fethard Tipperary	Arab	O'Reilly, Joseph, Sans Souci, Booterstown Co Dublin	Hackney
Cibbott, Miss L. M., Silverspring, Clonmel, Tipperary	Hackney	Osborne John, Broady, Churchtown, Co Donegal	Clydesdale
D Arcey, Morgan M. D Arcey's Corner Tipperary	Hackney		
Dixon, J. Talis, The King's House, Chapelizod, Dublin	Hackney	Power, Thos. Talbot, Mt. Mernon, Blackrock, Co Dublin	Hackney
Drury, John Ardallagh, Boyce Co Roscommon (c)	Irish Draught	Quinn, John James, Drumhills, Ballybay, Monaghan	Clydesdale
Gubbins, Francis J. B. Aldrush Knocklong, Limerick (c)	Clydesdale	Rathwell, J. A. Ballycanew, Gorey, Co Wexford (c)	Clydesdale
Halligan, Nicholas Rath Ternaneford Co Louth	Clydesdale	Sheldon Wm A., Ashfield House Magherasollis Donegal (c)	Clydesdale
Jessop, G. N., Clouther, Maryborough, Co Leix (c)	Clydesdale	Staples, Miss Katherine A., Dunmore, Durrrow, Leix (c)	Clydesdale
Kinsella, W., Crosstown Castlebridge, Co Wexford (c)	Irish Draught	Waller, Vice Admiral A. Craig, Allenstown, Kells Co Meath (c)	Clydesdale
Landy, Michael, Clermont Park Blackrock Co Louth	Clydesdale	White, Col. J. Grove, Killybeg, Dontraile, Co Cork (c)	Irish Draught
Lawlor, J. Percy, Inshstown House Clondalkin Co Dublin	Clydesdale	Wray, James Henry, Ballyboyle, Raphoe Co Donegal (c)	Clydesdale

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Abert H F	H Usde	St Clement	Jean W P	Handou	St Lawrence
Ahert P J	Royal Villa	Beech Road	Journeaux C I	Devon Villa	St Martin
Allo J	Ha clet Farm Mont de Vigne	St Peter	Labeur Dr Julius	Yve Myrtille	St Peter (f)
Arthur J S	La Pompe	St Mary	Labeur R J	La Houme	Grouville
			L Amy P P F Junr	Gloria Villa	St Martin
Blacker Douglass M V	La Vallounerne Samarès	St Clement	Langlois C L	Le Comtes de Saus Valley	St Saviour
Blum ed A J	Le Douet	Trinity	Larocq J B	Pett Alva	St Peter
Balrino Capt J B	Gouray Lodge	St Martin	Lucas J I	V de les Phil pps	Grouville
Boutier Jas J le	L Harmonie La Mo e	St Breilde	Luce A F	Les Gonnais	St Owen
Brée P J	La Sente La Rocque	Grouville			
Brée T J	Yau c Farm	Grouville	Mar nel T G le	St Blaise	St John
Bretton J F le	Oak Farm Five Oak	St Saviour	Marquart Mrs A P le	La Fosse	St Peter
Brocq J P le	Ferndale	St Peter	Martin I	Fernside	St Saviour
Brocq I C le	Les Petits Canons	Trinity	Mourant P C	Mont au Prêtre	St Helier
Buesnel J G	Hambie	St Saviour			
			Ozou F P	Hilbsteed	St Saviour
Caux A de	Le Douettn	Grouville	Perredes E C	Fair View Nr Princes Tower	St Saviour
Cotillard P A	West View Nr St Peter's Barracks	St Breilde	Perree J A	Oaklands	St Saviour
Coutanche H M	Manor House	St Lawrence	Perree N J	The Elm s	St Mary
Coutanche J G	Hills de Cro serie	Trinity	Plevin M	The Priory Pontac	St Clement
			Potter A J	Les G Belles	St Lawrence
			Prasula E J	Beechlands	St Lawrence
Dorey John A	Brook Farm	St John	Quenault C	Hamlet Farm	St Saviour
Eutache L	Le Pont	St Mary	Queve J E	La Fontaine	Trinity
			Queve P C	Les Platons	Trinity
Falle J P Junr	Le Convent	St Lawrence	Renouf N G	Le Vivier	St Martin
Fe A J du	La Hurette	Trinity	Renouf W G	Ville Brée	St Martin
Fer Mrs A M du	Marais	St Mary	Richomme Mrs J J	Joy Lodge	Grouville
			ROBERTS R	Vacheles de Haut Manor	St Owen
Gallais C le	Roseland	St Saviour	Ronert G Amy	Survill Manor Mont a l Abbe	St Helier
Godfray A A	Le Co n Farm	St Breilde			
Grele C A	Boul vot	Grouville	Seedeur W Le	Park Farm	St Martin
Gruchy Thomas R de	Burt le	St Martin	Slade G R	Rose Hamlet	St Martin
Gruchy W L	B shopstowen	Trinity	Sueur J le	Clair Val	St Saviour
			Syvert J P Junr	Haverfordwest Beaumont	St Peter
Han on I P	Broadland	St Owen	Valpy Mrs J	La Hauteur Gorry	St Martin
Hou Hebecq Mrs C	St Clement s Farm	St Clement	Albert E J	Portunier Vacheles	St Owen

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STOCK BREEDERS.

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Sheep Breeders

Name and Address	Breed	Name
A		
Agriculture Department of Cooma shire	Mernio	Beatrice J A Billie baird
Agriculture Department of Walby	Mernio	
Agriculture Department of Trangie	Mernio	Beer Wilson G Plym
Austin, H L & Liwah Biya.	(c) Mernio	Bertha Pastoral Co Pty
A yun Sidney Wambiana, Trangie	Mernio	Barker, J Cn Nardus m
Austin Wanganulla Co Ltd Wanganella Deniquin	Mernio	Body L J C & Sons Ltd
Australian Estates & Mortgage Co Ltd Wamboomb,	Mernio	Body Estate of Wile
Cooma	() Mernio	Bolger Andrew Wale
Australian Merchants Land & Finance Co. Ltd. Tarcoson	Mernio	Bowman G H & Son
Australan Mercantile Land & Finance Co. Ltd. Baratta	Mernio	Brownes D B & Son
Station Deniquin	-- Mernio	Brace Sage Loren

Name and Address	Breed	Name and Address	Breed
B Brumby H. A. S. Old Borambula Wagga Wagga Brumby H. G. C. Fairview, Forest Hill Wagga Bull C. W. 1. Gala Vale Jerilderie Bundy Clumbah Proprietary Ltd. Wanganella Busby A. Cassal Station Cassilis Byrne M. & J. Narooma, Temora	Bord. Leicester Leicester Mernoo Mernoo Mernoo Mernoo	J Jelbart J. E. Stony Park West Jandera Jelbart J. F. Stony Park East, Jandera Jones, John Nambah Armistree Jowett Edmund Egelabra Station, Warren Jowett Edmund Eilengrah Trangle Judd I. G. & Son Rosevale Urangnity	Poleworth 1 clear Mernoo Mernoo Mernoo Bord. Leicester
C Campbell Bros. Jovetell Campbell Estate of Charles, Murray Downs Swan Hill Canobarr Station Mowera T. I. O. No 3 West Carter H. C. Yarraman North Queensland Carter H. M. Kyeamba Meadows Wagga Wagga Carter Robert, Yarran Narromine Choudley Alan Ltd. R. Woodland Park Morinda Clarke L. & G. Ltd. Terranungamun Dubbo Cobran Estate The Beaula Siding Coleman E. J. Cornubere Thrigoonia Colonial Combining Spinning & Weaving Co. Ltd. Kooba Crofton, W. H. 1100 Crofton Ltd. Coombal Carrollbrook Coolie H. P. & Co. Koomangoonoo Baldale Crosby, Thomas Braemar via Warren Coward Leslie B. Gontawong Gulgong Craig Mrs. M. H. Lalaly Berrigan Crawford Thos. Mayfield Orange	Mernoo Mernoo Mernoo (ch) Lincoln Shropshire Mernoo Mernoo Mernoo Mernoo Bord. Leicester Mernoo Mernoo Romney Marsh Mernoo Bord. Leicester Suffolk Romney Marsh Mernoo Mernoo	K Kater Bros. Mumbabons, Warren Kater H. E. & Son Egelabra Sandy Creek, Warren Kendall Thos. E. Mayburn Holbrook Kerr John H. Wellwood Orange Kerr John H. & Son Castal Killean E. & Sons Ltd. Mooneage Nyngan Killean E. & Sons Ltd. Gerar Nyngan Kullen W. W. Merribee Berrigan Kumpson V. Y. & M. A. Kurnumbold Mulwa Kurnumbold L. M. Coolangubra	Mernoo Mernoo Polwarth Correndale Mernoo (f) Mernoo Mernoo Mernoo Mernoo Bord. Leicester Shropshire
C Crossing H. I. Gooling Enngonia Curre George Strathall in Narromine	Mernoo Mernoo	L Lang, P. & S. Titanga Lismore Lang W. A. Carlamunda Cooma Lassell L. V. Chalk Sing Moolman Lempere J. B. Wadobee Young Lowry T. H. Newmerrigall Gulgong	Mernoo (s) Mernoo Mernoo Polwarth Mernoo
D Darbalara Estate The Gundagai Darcy M. L. St. Romans Tocumwal Davidson & T. The Bullenbong South The Rock Dickson & Wags. Camerobon Wanganella Doonan L. E. & Sons Fairlie Grange Jerilderie Dowling J. E. Kenner Bolnand Dugan Thomas Jan. S. Lollip Walgett Duncan C. R. A. Narran Point Walgett Duncan E. F. Catillon Walgett	Mernoo Lincoln Dorset Horn Mernoo Mernoo Lincoln Mernoo Mernoo Mernoo	M McCaughy R. Coonene Narrandera McCaughy, S. Corrie Jerilderie McDonald W. J. F. Wantabadgery East Wagga Macfarlane J. B. Eurelia Estate Kyalton Macfarlane Thos. B. Cullingarr Mernoo Mack George Weemabab Trangle Mackinnon Neville A. Cumnock McLarty D. S. & M. S. Lone Pine Estate Bundart Siding McMaster, F. D. Dalkeith Castal McNeill Norman Glen Carr, Moona MacRae John Narrandera Maple-Brown A. J. Fonthill, Lake Bathurst Maple-Brown A. R. Gungah Plains Goulburn Martin T. M. La Rose Barham Matthett W. G. & Co. Ltd. Forbes Merriman W. T. Dog Trap Road Yass Miller Stud Park Jerilderie & Deniqua Marsden R. S. & Anabdale Blayney Mills Charles (Uardry) Ltd. Uardry Hay Moore T. M. Kywong Jerilderie Road Hay Morris W. J. Taberayndi, via Cullwin Morrison Bros. Beemery Sin Bourke	Mernoo Mernoo Mernoo Correndale Correndale Mernoo Mernoo Mernoo Bord. Leicester Mernoo Mernoo Bord. Leicester Mernoo Mernoo Mernoo Mernoo (s) Correndale Mernoo Mernoo Mernoo
E Ewart John. Kalana The Rock	Bord. Leicester	N New Zealand & Austral on Land Co. Bundure, Jerilderie New Zealand & Australian Land Co. Goomdoolblue Gool New Zealand & Australian Land Co. M. M. Ashby New Zealand & Australian Land Co. Wanganade Coomabie Nicholas, J. W. Nonaro Vale, Berrigan (via Cobran)	Mernoo Mernoo Mernoo Bord. Leicester Mernoo
F Fagan R. J. J. Calabral Cathundral Siding (Near Trangle) Faithfull A. L. Springfield Goulburn Falkner F. B. & Haddon R. G. Warren Falkner P. S. & Sons 1. Mt. Bonoke North W. agnewa (ch) Ferguson D. H. Asdale Gungah Fife Frank H. L. Inverell Fith Frederick, Clarendon Locklea Warren Fleming Bros. Ullah Walgett Fleming F. B. Yu. 1000 Wee Waa Fleming J. P. Dorren Stud, W. Waa Fletcher J. & Son Kentucky Stat on Kentucky Foster Norman L. Abington Arm dale	Mernoo Mernoo Mernoo Southdown Romney Marsh Mernoo Mernoo Mernoo Mernoo Mernoo Mernoo Mernoo Mernoo	O Officer The late Wm. Zara Wangella Ogilvie The Estate of the late W. F. Keytah Station via Moree	Mernoo Mernoo
G Galeby N. A. & Co. Burra Burra Tullamore Gatenby N. A. & Co. Raby Warren Gazzard E. Ashburton Clergate Gibson James R. Cronjau Hay Goodson J. R. Cleary Estate Wamboona Gow Geo. Hughenden Berrigan Grant D. Ltd. Bannockburn Coleraine Greenwood H. D. Bolva Grogan H. G. Matherly Grogan John Bede Groganville Bowning	Mernoo Mernoo Mernoo Mernoo Bord. Leicester Bord. Leicester Mernoo Correndale Southdown Mernoo	P Pimpelgong Stud The c/o Charles M. Uardry Ltd., Uardry Hay	Mernoo
H Hau H. W. & H. Jerilderie Hawthorne E. B. Woolana Tocumwal Haynes W. G. & Son Merriall Gigantra Hazeldean Ltd. Hazeldean Cooma Henderson & Son Warragong Deniqua HEYWOOD & WEBB, Wooreyana Cullara Hicks A. M. Moree via Cairn Hicks H. F. Mullara Walbourn Hogan John Grogan Narrandera Hogan M. Tawarra Tocumwal Horden, Edward Carl Wensleydale Colva Vale Hoskins Anthony Mungahilly No 1 & No 2 Hay Hoskins Wernabing Stud Ltd. Trangle Huff C. W. Robble Burns Lockhart Hulme & Evers of A. H. Main Holbrook	Mernoo Lincoln Shropshire Mernoo Mernoo Bord. Leicester Dorset Horn Lincoln Bord. Leicester Wensleydale Mernoo Mernoo Mernoo Mernoo Polwarth	R Reid, Peter & Sons Moona Flat via Scone Richmond G. M. Moona Goodooga Robertson J. S. Tigganah Hay Roosid R. W. & Co. Napier Hay Rowan James W. Bradok Murrell Rutherford C. W. Nyngan Cheeseman's Creek Rutherford T. F. Calga West Bungandore Ryall, A. & Sons Spring Plain Cooma	Mernoo Mernoo Mernoo Mernoo Mernoo Mernoo Mernoo Mernoo
S Sautelle J. B. Helmsdale Berrigan Scott A. Kiburn K. Mernong Dubbo Scott A. W. Mungah Young Scott Alex Aratula Tocumwal Scott T. M. Burroway Narran on Rail Station Scotson George F. Tootoolaba Jerilderie Skane H. G. F. Kulyana Mulwa Skane Jan. & Son Mulwala Station Mulwa Skane John A. Wyanabba Mulwa	Romney Marsh Mernoo Mernoo Bord. Leicester Mernoo Mernoo Mernoo Correndale		

Name and Address	Breed	Name and Address	Breed
Sloane Thomas G Moon Mooroona Young	Merino	V	
Smith Mrs. C. Macchaltie Booracore	Merino	Vincent, W J Newlands The Rock	Border Leicester
Smith & Weir Bertalinga Hay	Merino	Vinters A & G A Kings Plains, Glen Innes	Merino
Springwell Pastoral Co. Ltd. Cooma	Merino	W	
Slaughter Robert A Gunbille Gunnedah	Merino	Walker James Kalunga Nyngan	Merino
Sturton P E. Balerang Weemalah	Merino	Walker W Consett, South Burrumbidgee Hay	Merino
Stokers, William F. Mooroona	Merino	Wangamong Pastoral Coy Ltd (W B Sanger & Co. ern & Co.)	Merino
Strang P F G. Collera n, Garup	Merino	(Director) Daydale	
Stuart, G E., Goolgumpala, Jerilderie	Merino	Waucho A Ground w n d l	Merino
Stud Sheep Proprietary Ltd. Munnell Stat on Armistade	Merino	Weatherby Mrs & M s Colly Creek W illo w Tree	Merino
Suttor H C. Brocadedale Peel	Merino	Webb F A Stirling Chase Cudal	Merino
T		White Hunter Harilah Mudgee	(ch)
Taylor A Wallendoon Cudal	Merino	Willandra Pastoral Co. Ltd. Willandra Booligal	Merino
Thomas, H S. Wynny and Park Alfredtown via Wagga	Donset Horn	Woodstock Pastoral Co. Ltd. The Woodstock Cooma	Merino
Trebeck L P. Cathulard	Merino	Y	
Treweeke P L. New Angledool	Merino	Yoorobilla Stat on Ltd. Jerilderie	Merino
Treweeke W H Sons Mogil Mogil	Merino		
Tucumwal Pastoral Co. The Woodstock Berrigan	Merino		

Pig Breeders

[illegible]

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A Agriculture Dept of Hawkesbury Agricultural College Richmond Agriculture Dept of North Bangaroo Stud Farm Canowindra Agriculture Dept of Experimental Farm Wagga (cp) Aller H Lary, Trundle Armstrong Ernest Halloween Rangla Aston Charles A Fox Lodge Marangarill	Clydesdale (cp)	L Leach Henry F Altona P O via Barmedean Lynch Bros Dunolly W Lbrulong	Clydesdale
B Bandy George A Bmy Bender H C & E A Padeane Mibulong Blayney O C Grondell Boss H H Lyndhurst Bowman E I Wargundo Craboon Brown W Brookdale Lockhart Browne D L Nyall Urangeline a Albury Burke Walter Belletre Farm App n Burtell W Ls Trustadown Gulgandra Butler A K In crmay Trangle Byrnes J E Broombee Burrinulla	(c) (s) (c) Welsh Pony Clydesdale	M Mackay H C Vatus Coonambie McUllan A Gordon Rosebank Eugowra McPlerson C & Sons Glencairn Junee Mills Arth r H A In arnock Blahby v a l ley Morey H H W Lockhart	
C Carter H C Larraman North Quind Chorley Maj Philip Belmont Park R hnond Coughlan Bros Yanaawa Wagga Wagga Cox V D B Brundulla Mudgee Cunnington A W Cle eland West Wyalong	(cs) (cp) Suffolk Hackney Clydesdale	N Nxo W I Redman Reefton	
D Dahlenburg V Kullara Culcar Dangar Albert A Barcona Daukar R H Turve Coolah DAVIES MES D T Grahamstown Deakin Amos Farleton Coto a Dyprone Lou S T Cowra Rd Grenfell Donaldson A A Narrol P nly	Suffolk Suffolk Welsh Pony Clydesdale	P Parch A B Walla Park Walla Walla Lock I J P ne Villa Henty Pier David South Nohonga via Corowa Powell H Curry Burry R chnood	
E Eyles Jas Culve Lrana		Q Quade Thos I Westella Trundle	
F Falkner F S & So s Ltd Boonoke North S dug Ford S I Brentwood Yedah v a Wyalong	Walgiewa (s)	R Ralston J A Strathmore View Rand v a Albury Roberts S J Tverton Barwang Robson Thomas Clarke Street Crossnest Rogers J M Beaconsfield Oberon Rootes Bros Matavia West Wyalong Ross W A Harden Ryan Bros The Cedars Pitt Town	
G Garrn S R Hazlewood Amah Park Grate A L Annerley Bowral Gray G Cowra Guller R C Glendale Baldale Gunbar Pastoral Co P y Ltd Gunbar Station Hillston	(cp) Arab Clydesdale	S Scholz A W Fairfield Walla Walla Scholz G R Glen Valley Henty Scholz J C Merrimere Henty Scholz J F Water View Walla Walla Schultz H R Granite Hill J ndera Schultz W Avondale Gulgandra Sharp H J Mullamuddy v a Mudgee Shaw A W Wagga Wagga Shepherd J W Gobbagumbalin Wagga Wagga Short W W Melrose Mudgee Simpson W D Wandabah Curlew s Snelcar John G lgs Nathoura S n b Bros Park Hill Lockhart South W n Park Hill Lockhart Stevenson Ernest H Swash e d via Oberon Swan John Byron Inverell	(c) Suffolk Clydesdale
H Hackney T C Buckburrage Burrage Hunt Edward Springs ead Farm Ingleburn Hordern Lebbeus Highwood Bowral	Welsh Pony Clydesdale	T Tenson Patrick Glen Lee Lockhart Thornton G Wooneragong Forbes Tomkins H H Mt Fro ne Mudgee Tonac a Robert Rocky Hills Coolman	
J Judd J L Ya ac Wyalong		W Walden Wilfred R Oakdale Gulgandra West David Skilling Plain via Quandalla White Hunter Har lah Mudgee	(cs) Hunters Remounts Clydesdale
K Keber Fred r k Camma n Kent J T Burrage Craboon Kingham A G Athol Blayney Kingham Jerry A The Wattles M Inborpe		Y Young R E Bull Plain Corowa	

VICTORIA

Cattle Breeders

[illegible]

[illegible]

[illegible]

[illegible]

Name and Address	Breed	Name and Address	Breed
Stewart, Dr W A Bolinda	Suffolk	Walter A E, Devon Farm Strathkeilar	Lincoln
Strang Thomas Tallygaroopna West	Bord Leicester	Wardle F A Brim	Romney Marsh
Street G A Euklon Lismore	Polwarth	Ware Trustees of John Yalla y Poora Talyoon North	Mernoo
Syme, Geoffrey Pendleuse Woolf Yallock	Dorset Horn	Watson A O New Park Tylden	Bord Leicester
Symms H T Lake Rowan	Suffolk	Watters L C Lester Vale Tallygaroopna	Bord Leicester
T		Weatherby Exors Estate of late Stratham	Mernoo
Ta Labery W & G Ellinbank	Bord Leicester	Weaver I J Southerton Vale Boort	Bord Leicester
Talbot James R Yeo Vale Burragurra	Shropshire	Webb H L Holly Green Sunbury	Shropshire
Talbot W Dean	Bord Leicester	Webb Oliver Kaniva	Mernoo
Talbot Bros Hyde Park Kyabram	(c) Bord Leicester	Wellington W D Invergordon P O	Shropshire
Ternill Albert Grand View Rutherglen	Suffolk	Wellenhall A H Barwon Hills Wincheba	Polwarth
Thomas J R Sunbank Ascot P O	Bord Leicester	Wellenhall H H Carrs Plains Stawell	Polwarth
Thomas S R Miners Rest	Bord Leicester	Whinfield A W Woodbine Bamawm	Bord Leicester
Thomson W Cora Dunkeld	Bord Leicester	Whitney G Riverside Bundaloo	Bord Leicester
Thomson F L Meryula Yarra Junction	Polwarth	WHINRAY, T J, Elsmore Tungamah	Lincoln
Thomson F L Meryula Yarra Junction	(c) Suffolk	Whitehead G H Goodwood Minnamite	Bord Leicester
Thomson F L Meryula Yarra Junction	(c) Suffolk	Whitehead H W Morpur South Hawkesdale	Bord Leicester
Thomson Thomas Bloomfield Waaia	(ck) Lincoln	Wiedemann P Bunget	Bord Leicester
Tilly Joseph Arunga Port Fairy	Lincoln	Wilkinson & Smythe Droun	Bord Leicester
Tippett Gilbert I W Glengryon Dean	Shropshire	Wilmut Joseph Bullarook	Bord Leicester
Tob M J Wannawong Windsor	(c) Lincoln	Wilson Johnstone Springsdale Violet Town	Bord Leicester
Tolson George Redlands Willowsway	Lincoln	Wilson S N Banool Kerang	Bord Leicester
Toose G C Sneraton	Southdown	Wood C C Waterford Tandara	Bord Leicester
Townrow W Shurya Miners Rest	Lincoln	Wood Jas Watoura Wilby	Lyonsland
Trenbath James Carrinya Moorort R S	Bord Leicester	Woods James T Ferngrove via St James	Leicester
Trevin Albert Hill View Orpurt	Leicester	Wright J T Wolfon Clifton Street Charlton	Bord Leicester
Tukey L E Bangala Mt Vite Vite	Romney Marsh	Y	
Tully John Kildonan Lillimur	Mernoo	Young William Riversdale Kyneton	Lincoln
Turnbull Exors of John Hatfield Can Gembrook	Lincoln	Z	
Tweedle George Bellevue Waaia	(h) Bord Leicester	Zoch Francis Pyalong	Bord Leicester
Tweedle P Arville Waaia	(h) Bord Leicester		
W			
Walker John & Sons Montrose Almurta	Shropshire		
Wallace F W Myra Park Strathbogie North	Bord Leicester		
	Polwarth		

Pig Breeders

Name and Address	Breed	Name and Address	Breed
A		Corker Mrs. A M Hansonville via Glenrowan	(s) Berkshire
Adkins T H The Block Koorurra	(h) Berkshire	Coyne A J Tallarook	Yorks (M W)
Agricultural College (C R Birk) Dookie	(ck) Berkshire	Crane John Bylands Nathalia	(ck) Yorks
Agricultural College Lotgeroen Doon	Yorks (M W)	Crooks H A Woodlawn Cooma via Tatura	Berkshire
Agricultural High School Farm Sale	Berkshire	D	
Agricultural Dept of Rutherglen State Research Farm	Yorks (M W)	Dar G & Son Meadow Bank Llydale	(ck) Berkshire
Agricultural High School Farm Wangaratta	Berkshire	Dark H J Koorurra	(c) Yorks (L W)
Allan J Junr Wyuna South	(c) Yorks (M W)	Davies L Curlewis	Yorks (M W)
B		Davis C J B Hillview Kyneton	Yorks (M W)
Baker J J Rosedale Bannockburn	(ck) Yorks (M W)	Dickson Henry A Dumbalk Stud Woorayl	Berkshire
Ball A E Chatterhouse Murrumbidgee	Glos Old Spots	Dishon J L Steeley	Berkshire
Barker W F Junr Beverly Stud Bendigo East	Large Black	Dowel G & Son Glenloch Hongwak	Yorks (M W)
Barker W H Calderon Gully via Bendigo	Large Black	Dowie A F Balcarrn Canrbrook	(s) Tamworth
Barr B A Whittlesia	Tamworth	Drum Hugh Kyabram	Berkshire
Baul G E Boxl Kyabram	Yorks (M W)	E	
Bedwell G A Brentwood Burke-road Deepdene	(h) Berkshire	Ellerton Dr H B Hospital for Insane Goodna	Berkshire
Bell J T Gulf Station Yarra Glen	Berkshire	Ellwood A H Taschendale via Mernoo	Yorks (L & M W)
Blanford Chas A W Herry Creek via Leongatha	Yorks (M W)	Ellwood Bros Ngun Wallace	Berkshire
Borthwick A H Sale	Glos Old Spots	F	
Bowden C L Won Wron	Berkshire	Faehild & Clutterbuck Vanclose Tinsaba	Yorks (L W)
C		Fallon Bros Mount Monac	Yorks (M W)
Downman A Cooraninta Poowong	Yorks (M W)	Findlay T R & Son Leven Brae Leitchville	Yorks (L W)
Bradley R Wonga Park Road Ringwood	Tamworth	Finlay J A Killamont Kyabram	Yorks (M W)
Brewer A R Pineale Leneva West	Yorks (M W)	Fitchett Miss M Blossum Park Bundoora	Yorks (M W)
Brown Bros Tongala	Berkshire	Foley C W Tongala	Yorks (L W)
Butler G J Veradale Canrbrook	(ck) Tamworth	Fox C H Mayfield Kanunbra	Yorks (M W)
D		Fox H J Lansdale Yarrk	(c) Yorks (M W)
Calcott H N H G rarrre	Large Black	Fox Henry Glenfield Park Yarrk	Yorks (M W)
Cameron D Almurta via Borsdale	Yorks (L W)	G	
Campbell A B Creff Park Tinsaba	Yorks (L W)	Gallagher M Mt Hope Tyers via Traralgon	Yorks (L W)
Cash I M & Sons, Female Jendavik	Yorks (M W)	Gardner J L Lauriston Welshpool	(c) Tamworth
Chancellor G G rarrre	Yorks (M W)	Goldworthy A Leslie Street, Clunes	Berkshire
Chapman W M Maon Street Gordon	Berkshire	Goodman R Roserath Kilmany South	Berkshire
Chisholm G T Mooroolbark Park Lyndale	Yorks (L W)	Graham N S Canrbrook Private Har Tongala	Berkshire
Chisholm Capt J P Brandon Park Wheeler's Hill	(c) Old Spots	Graham H Redbank Farm Ararat	Yorks (M W)
Cockbill W J Junr & G bbs Fulham, Bannam Extension	Tamworth	Guthridge C F Syllan Stud Colac West	Yorks (L W)
Connore F G Coona, Lausching Place	Yorks (M W)	Guthridge R A, Bianca Stud Colac West	Yorks (M W)
Conley L H Glenburne Almurta	Berkshire		

KIR-9

Name and Address	Breed	Name and Address	Breed
Stewart Dr W A Bolinda	Suffolk	Walter A E Devon Farm Strathkellar	Lincoln
Strang Thomas Talligaropna West	Bord Leicester	Wardle F A Brim	Romney Marsh
Street C A Linton Lismore	Polwarth	Ware Trustees of John Yalla y Poora Tatyoon North	Merino
Syme Geoffrey Pendrillide Wooll Yallock	Dorset Horn	Watson A G New Park Tylen	Bord Leicester
Symes H T Lake Rowan	Suffolk	Watters E C Lester Vale Talligaropna	Bord Leicester
T		Weatherby J Kers Estate of late Stratham	Merino
Ta Kattery W & G Ellinbank	Bord Leicester	Weaver I J Southerton Vale Boort	Bord Leicester
Talbot Jan & R Leo Vale Bregarra	Shropshire	Webb H L Holly Green Sunbury	Shropshire
Talbot W Dean	Bord Leicester	Webb Oliver Kan va	Merino
Telford Bros Hyde Park Avabram	Suffolk	Wellington W D Invergordon P O	Shropshire
Tennil Albert Grand View Rutherglen	Bord Leicester	Wettnhall A H Barrow Hill Wanchelsea	Polwarth
Thomas J R Sunbank Ascot I O	Bord Leicester	Wettnhall H H Carrs Plains Stawell	Polwarth
Thomas S R Mners Rest	Bord Leicester	Whitford A W Woodthorpe Bamawm	Bord Leicester
Thomson W Core Dunkeld	Polwarth	Whitray G Rivers de Bundalong	Bord Leicester
Thomemann F L Meryula Yarra Junction	Suffolk	WHIRRAY T J, Elision Tungamah	Bord Leicester
Thorley Exors of late N. Kangatong Hawkesdale	Lincoln	Whitbread H J Goodwood N. nham te	Lincoln
Thornton Thomas Bloomfield Waaia	Lincoln	Whitehead H W Morpor South Hawkesdale	Bord Leicester
Tiler Joseph Aringa Port Lairy	Lincoln	Wiedemann I Bungeet	Bord Leicester
U		Wilkinson & Smythe Droun n	Bord Leicester
Uppett Gilbert I W Glenroyden Dean	Lincoln	Wilmut Joseph Bullarook	Bord Leicester
Tob n M J Wannawong Wnslow	Shropshire	Wilson Johnstone Springsdale Viol t Town	Bord Leicester
Tomlinson George Redlands Willowmavin	Lincoln	Wilson S N Banool Kerang	Bord Leicester
Tonoe G C Smeaton	Southdown	Wood C C Waterford Tandara	Bord Leicester
Townrow W Shryas Mners Rest	Bord Leicester	Woods Jas Watpura Wilby	Ryeland
Trembath James Camryna Woolort RS	Leicester	Woods James T Berenger via St James	Leicester
Tre n Albert Hillview Onbost	Romney Marsh	Wright J T Wolfon Clifton Street Charlton	Bord Leicester
Tu ker L E Bangala Mt Vite y te	Dorset Horn	Y	
Tully John Kidman Lallour	Merino	Young William R Versdale Kyneton	Lincoln
Turnbull Exors of John Hazeldean Gembrook	Lincoln	Z	
Tweddle George Bellevue Waaia	Bord Leicester	Zoch Francis Pyalong	Bord Leicester
Tweddle P Anyslie Waaia	Bord Leicester		
W			
Walker John & Sons Montrose Alurra	Shropshire		
Wallis F W Myra Park Strathbogie North	Bord Leicester		

Pig Breeders

Name and Address	Breed	Name and Address	Breed
A		D	
Adkins T K The Block Korumburra	Berkshire	Dar G & Son Meadow Bank Llydale	Berkshire
Aggricultural College (C R B)icks Dook e	Berkshire	Dark H J Korumburra	Yorks (L W)
Aggricultural College Lonerernong Doon	Yorks (M W)	Daves L Curfew	Yorks (M W)
Aggricultural H gh School Farm Sale	Yorks (M W)	Davis C J B Hillview Kyneton	Yorks (M W)
Aggriculture Dept of Rutherglen State Research Farm	Berkshire	Dickson Henry A Dumbalk Stud Moorayl	Berkshire
Rutherglen	Yorks (L W)	Dishon J L Stevelry	Berkshire
Aggricultural H gh School Farm Wangaratta	Berkshire	Dowel C & Son Glenloch Kongwak	Yorks (M W)
Alan J Junr Wynna South	Yorks (L W)	Dowie A F Bakamoot Carsbrook	Tamworth
B		Drum Hugh Kyabram	Berkshire
Baker J J Rosedale Bannockburn	Yorks (M W)	E	
Ball A E Charterhouse Murrab	Glos Old Spots	Ellerton Dr H B Hospital for Insane Goodna	Berkshire
Barker W E Junr Berkeley Stud Bend go East	Large Black	Ellwood A H Taschendale via Merino	Yorks (L & M W)
Barker W H Ca forman Gully v a Bendigo	Large Black	Ellwood Bros Nilluri Walla e	Berkshire
Barr B A Whitlesea	Yorks (M W)	Ellwood W M Myllyra Wallace	
Baul G E Box I Kyabram	Yorks (M W)	F	
Bodwell G A Brentwood Burke-road Deepdene	Berkshire	Fairchild & Clutterbuck Vancluse Timamba	Yorks (L W)
Bell J T Gull Stat on Yarra Glen	Berkshire	Fallon Bros Mount Morac	Yorks (M W)
Benfield Chas A W Berry s Creek v a Leongatha	Yorks (M W)	Findlay T R & Son Leven Brae Leitchville	Yorks (L W)
Bowden C E Won Wron	Glos. Old Spots	Foley J A Kilmarnock Kyabram	Yorks (M W)
C		Fottett Miss M Blomson Park Dundoura	Berkshire
Blowman A Cooraninta Peowong	Berkshire	Foley C W Tongala	Yorks (L W)
Bradley K Wonga Park Road Ringwood	Yorks (M W)	Fox C H Mayfield Kanumba	Yorks (M W)
Brewer A R Pundale Lenora West	Berkshire	Fox H J Lansdale Yack	Yorks (M W)
Brook Bros Tongala	Berkshire	Fox Henry Glenfield Park Yack	Yorks (M W)
Buller G J Versdale Carsbrook	Tamworth	G	
C		Galbraith M Mt Hope Tyers via Traragon	Yorks (L W)
Callcott H N H Ggarre	Large Black	Garnder J L Laurist w Weshpod	Tamworth
Cameron D Val nia v a Boredale	Yorks (L W)	Godworthy A Leslie Street Clunes	Yorks (L W)
Campbell A B Cressat Park Timan ba	Yorks (L W)	Goodman K Rowneath Kilmarnock South	Berkshire
Cash I M & Sons Termdale J nd A	Yorks (M W)	Graban W N Carnock Pri ate Bae Tongala	Berkshire
Chancellor N G Ggarre	Yorks (M W)	Graban H Ardbank Farm Arca	Yorks (M W)
Chapman F W Ma n Street London	Berkshire	Guthrie J L S tian n s t d e West	Yorks (M W)
Charnock C T Moorbank Lark I ldale	Glos. Old Spots	Guthrie R & Duncan n s n	Yorks (L W)
Charnock Capt J P Brand w Lark Wheeler s H	Tamworth	Guthrie R & Duncan n s n	Yorks (L W)
Charnock Daldon	Yorks (M W)		
Cockin W J Junr C P bbs Fulham Hanawia sters n	Yorks (M W)		
Conn bere F G Coonara Launch ng l lace	Berkshire		
Con brice L H Glenburne Almu ta	Yorks (M W)		

Name and Address		Breed	Name and Address		Breed
H			R		
Hamblyn A. L. Swan Farm Toofreen	(c)	Yorks (M W)	Rautan R A R T n n b a		Yorks (L W)
Harley L V Delacat Kardella South		Tamworth	Read T C Somerset Farm Beac		Yorks (L W)
Harvey Trevor Jerseyholm Bisdale	(d)	Yorks (L W)	Riley Peter Waranda Park Woolap		Yorks (M W)
Hawkins S T Shepparton		Berkshire	Roche W T Shepparton		Yorks (M W)
Hawkins T Shepparton		Berkshire	Russell & Johnston Brech n Bete Bolong Orbst		Glos Old Spots
Heap J Box 89 Coluna		Yorks (L W)			
Heap W Coluna		Yorks (L W)			
Hellman T A Carlegh Tarwin		Berkshire			
HENDERSON J L & E I Nerang Wangaretta	(c)	Yorks (M W)			
Henty Miss L Merino Downs Henty		Berkshire			
J			S		
James W E Wyhola Hartcourt		Berkshire	Slattery J P Hewitt Park Bold Hills Ballarat		Berkshire
Jenkins F S Dun an s Road Wernbee		Yorks (M W)	Smith E L & Sons Horseley Woodend		Yorks (M W)
Johnson Bros Clovellea Darnu v		Berkshire	Smith C H Donn e Down Templestowe		Yorks (M W)
Johnson H J Conran Grange Whitsea	(c)	Yorks (M W)	Smith Jas Camp Hill Tallarook		Glos Old Spots
Jones J F Sp ngbank Drou n		Tamworth	Smith W Clengarty		Berkshire
		Berkshire	Stephens Bros Goulburn Le n os		Berkshire
Jo ce Ralph Box 88 Kvaara n		Yorks (M W)	Stewart A C Bundara Tatura	(c)	Berkshire
			Stewart John Korowa Trafalgar		Berkshire
			Swarbrick W Danes old Stud The Heart Sale		
			Stuart Norman Belmore Road Box Hill		Yorks (M W)
			Sutton R D Riverview Tyntinden Central		Berkshire
K			T		
Karr State Farms a Ca rn		Berkshire	Thon as W H Pendennis Ascot a Cresk	(c)	Berkshire
			Thompson W B Gartler Woolap		Yorks (M W)
L			Thomson R & Sons Pty Ltd 104 Moorabool Street Geelong		Yorks (M W)
Lancaster J W Copp ce Lan as r		Yorks (M W)	Thorburn J H Oatlin s Woodend North		Yorks (M W)
Lawrence & Corrigan Cornlaw Calinead		Berkshire	Trigg F The Pines Bunaree		Berkshire
Leggo H M & Co Ltd Sunk st Bend go		Tamworth	Tweddle Anthony W elaton Sunbury	(c)	Yorks (M W)
Lenn e I M W Anna Tongala		Berkshire	Tweddle J T W elaton Sunbury		Yorks (M W)
Lford John Wadelaide Estate Merrigu	(c)	Berkshire	Tyack W H C Caravale Numurkah		
Long n r D Tyabb		Yorks (M W)			
M			U		
McDonald Allana San t Road Longwarry		Berkshire	Uebergang F F Alhambra South		Berkshire
McFarlane Jno Bacchus Marsh		Yorks (M W)			
MacGregor J Daln ore Pri ate Bag v a Maldon	(c)	Tamworth			
McInnes N W Innesdale Loy yang		Berkshire			
Macnee J Wron Wron sou h C ppsland		Yorks (M W)			
Maher R H Rosemont Stud Pri ate Bag Tongala		Berkshire			
Malo ey P J Belgona a Tongala Yorks		Yorks (M W)			
Mann J Murray Glen Wodonga		Berkshire			
Marchant T L Teal Point a hera		Tamworth			
Marshall M Box 176 P O a abran		Yorks (M W)			
Matthews T M Moony a Stanhope		Yorks (M W)			
Maya l Bros Glen Ayndrae M rboos North		Yorks (L W)			
Mesley W War n dale Dalysto		Berkshire			
Mills R Carol lup Narang l as		Berkshire			
Mtue A R Glen a dle Tatna		Berkshire			
Munleba h W J Retreat Fa Bat sford	(c)	Yorks (M W)			
N			V		
Noble T M & So e H ew Maffra		Yorks (L W)	V n ent H Blargow e Cra g eburn		Berkshire
Norman H W Mo nt Hope Whitsea		Berkshire			
O			W		
O'Dwyer J M Mount n ew Seyn our		Berkshire	Wallace Arthur Springdale Dairy Flora Hill Bend go		Yorks (L W)
Osley W H Glenholm Caldermeade	(c)	Berkshire	Walt s L E R vermore South Morang		Berkshire
Overend Mrs A C Box Accord Sale	(c)	Yorks (L W)	Walters A M Moynu		Berkshire
			Warner Bros Renrow Park Tennyson		Berkshire
P			Warner Chas E Luman M Ivor Road Bend go		Berkshire
Pahl F A J Veron a Stud Morrays lle		Yorks (M W)	Warner E P Box 6 Lake Boga		Berkshire
		Yorks (L W)	Webb A J Hill End via Noe		Yorks (M W)
Payne Capt A E T Yarraview Lydale	(c)	Berkshire	Westlake W O Homebush Portland		Yorks (L W)
Payne Bros Molyullah		Berkshire	Wheldon, G A Wron Wron		Tamworth
Pelle George de Couray Meadowsville Bannerton		Berkshire	Wh te T Clethorps Drou n West		Berkshire
			Wh te Wal er & Sons Alherm r Tongala		Berkshire
			Williams W Woodlea Cort n Loose Bag Strathmoreton		Berkshire
			Wilson James E Cherry Grove Keely		Yorks (M W)
			Werner E P Bexley Park Tyntinden Central via S van Hill		Berkshire
			Wragge E S Tulla Heidelberg		Yorks (M W)
Y			Z		
			Yann R West Bank Lech		Yorks (M W)
			Young Bros Preston Vale Sedgwick		Berkshire

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A			
Agicultural College Dook	(c) Clydesdale	Baker Charles Sunny Brae Jung	Clydesdale
Agicultural College Long eong Doon	(c) Clydesdale	Baker F H Valetta Jung	
Agiculture Dept of Maffra ugar larn Maffra	(c) Clydesdale	Baxter Bros Woodhurst, N W Mooropna	(c) Clydesdale
Agiculture Dept of State Research larn Wernbee	(c) Clydesdale	Bedwell C A Brentwood Bu te Road Deerpens	
Alin J On!		Bedwell J J Woodhurst Haukaraung North	
Allen Geo H Dun ra Beulah		Hell Frank Rockbank Langley via Kyneton	
Allen Hamilton Beulah		Black W M The Quarnes Coldstream	(c) Clydesdale
Arnold A Lyndhurst Werrig East Warra knabael		Blackwood Robt Burns de k ata	
B			

Name and Address	Breed	Name and Address	Breed
Blair Alex S Box 30 Wat hem	Clydesdale	MEYER, J H Box 20 Kaniva	Clydesdale
Bodey D L 1 ne v ew Stud lam Jung		St Hleton I M Strathkellar Han lton	
Brock Bros Mo		Moller G H Broadwyl w Tarranyurk v a D mboola	
Budie H 1 Box 38 D n boola		Moroney Timothy Bamedown	
Bunger John Walden Sheep H lls		M Dougall H P Bun lalong	
Butler C J Vera lale Carnbrook	(sp)	M Iwen John Cherrup v a Charlton	
B ne G L Hewell North v ia Murtoa		M kenzie A R Argyle Wallup	
		McKenzie Bros Kolara Wallup	
C		McKinnon A Walpeup	
Chappel H H Banawm		McKinnon Malcolm Berrowlock	
Christie John S Junr Eastwood Katunga	(s)	McNaughton W P Walpeup	
Clark Bing Gen W J Ben Pad e Sunbury	(s)	McPherson Cl e Yarrowonga	
Clarke Hou W L Russell Rupertswood Sunbury			
Clement I M Drumgrange Balm attum		O	
Crane John Bylands Nathalia	(sp)	O Donoghue Bros Lowlands K In ore	
Croser Wm. St Lou s South Morang		O Keefe T Docker s lls n	
		Oxley G Junr Gre Cre North v a St Arnaud	
D			
Dahlenburg Arthur Wiman East v ia Nhill	(cs)	P	
Davies Chas N Tremenhoe Rochester West		Parker T Pepper s Pla n Jepar t	
Dyke Bros Gre Gre V llage v ia St Arnaud		Perkins C H Werdow Stud Farm Ra nbow	
		Pettit Bros Lty Ltd Blakbrae Geelong	(sp)
E		Phillips James M Conjunpa R D	(s)
Ewart Bros Daraglong		Pickens F W G Kotta I O v ia Elmore	
Lard W Jung		Iowles L T Cobram	
		Q	
F		Qu k R V Roselyn Brim	
Ferguson J B Waubra			
G		R	
Gillis Aaron Bellevue Clydesdale Stud Racecourse Road		Ralston R Ben Kell Farm Euroa	(c)
Newmarket		Ramsay Nathan el Prospect Newbridge	
Gleeson T E Grasmere Junct on v ia Warrnambool		Rathjen J D Mount Pleasant Flynn s Creek	(c)
Graham C A Box 48 Rupanyup		Robinson John W Trugan na	
		Rodda Corrie S Fair View Clydesdale Stud Warrack	
H		nabeal P Bag	
Hall W Drumartin St Sunsh ne		Rogers Peter A lsa Craig D mboola	
Hehr Bros Wolert		Rolls Hy Merton Vale Katunga	
Henderson J L & L I Nerang Wanganatta	(sp)		
Henderson Wm Carracore Grasmere	(cs)	S	
Hepworth Stanley Donald		Sallman F W Fine View Estate Kornhem D mboola	
Hewitt C & Sons Verrigar East v ia Warracknabeal		Saunders John Rainbow	
Hicks John Kan va		Schack A Gama	
Hicks W G Hartwood Broadford		Starrit Bros North West Mooroopna v a Tatura	(s)
Hooper Arthur North West Mooroopna v a Tatura		St dwell S R Picola	
Hunt W St Huberts s Kjabram		Stokes A 3 Bloomberg Street Abbotsford	
J		T	
Jackson Bros P ne Vale v a Waa a		Thomas F C Blackheath v a Horsham	
K		Thornton Thos Bloomfield Waa a	(cs)
Kent Mrs S E K lara Private Bag Sheep H lls		Todd John A Box 39 Beulah	
L		Toogood John Hawkesdale	
Lavery Bernard Rexworth Watchem		Tweddle Geo Bellevue Waa a	(s)
Lees Thos Lyleston Rochester		Tweddle J Allan Helensville Waa a	(c)
		Tweddle P Amyville Waa a	(s)
M		W	
Macler Robt. & Sons Rentcam Tatura		Walter W Casey Street Tatura	
Macler W Angus Mern Ponds Tatura		Walsh F H Melton South	
Mansfield John Burumbete Werrie		Watson George Deakin v ia Tongala	
Martin Richard C Devenish	(c)	Watkinson W G & Young R E Rosentath Yarrowonga	
		Wilson R J Chocelyn Camperdown	
		Wiseman Frank N Glenroy Nr Melbourne	
		Woods A J W Ruse South	
		Woods H H Watchem	Hackney Clyd slale

When you want to Buy - - See Pages - XIV.-XVIII.
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 Quereis Comprar - - - - Vide Pag. - XIV.-XVIII.
 Si Descais Comprar - - - - Ved Las Pag. XIV.-XVIII.
 Quand Vous Voulez acheter - - Voir Pag. - XIV.-XVIII.

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
A		H	
Agr cultural College Roseworthy (sph)	Jersey	Hallday J N Riverdale Murray Bridge	Friesian
Agriulture Dept of Kybybolite Experiment Farm (sp)	Ayrshire	Hannaford F E River Glen Murray Bridge	Friesian
Aganua Pastoral Co. Clare (s)	Friesian	Hague R J Clare	Jersey
Angus Chas. H. Collingrove Angaston	Shorthorn	Harms W H 10 Elizabeth St. Eastwood	Ilia M Sh thorn
Applebee L G Two Wells	Ilia M Sh thorn	Harvey P J Rockvale Yacka	Friesian
Arnold Charles H. Boys Reformatory Monalita Mag II	Friesian	Hawker W Anama Clare	Friesian
Atk n W Fulham Henley Beach	Mkg Shorthorn	Henley Stud Friesian Ltd Henley Fulham	Friesian
		Herbert A F Nantawarra	Mkg Shorthorn
		Holtham J M Tambouralong Narrung	Jersey
		Horrocks & Son Walkerville Rd Walkerville	Ilia M Sh thorn
		Horsnell G H Mag II	Jersey
		Hudd J M Burnlea Bletchley Strathalbyn	Jersey
B			
Beck D Grange	Jersey		
Bobine H & A Crofton Balhannah	Jersey		
Bradlike J A Yngola	Ilia M Sh thorn		
Bradlike W R Jamestown	Ilia M Sh thorn		
Bull A J Kilkenny	Friesian		
Burdett J G Bol var Bolivar	Mkg Shorthorn		
Butler G T Hansborough	Mkg Shorthorn		
Butler & Murhead Ben Lomond Kapunda	Friesian		
Butterfield H H Henley Fulham			
C		J	
Cailes L J Mypolonga	Ilia M Sh thorn	Jaensch T O Murray Bridge	Mkg Shorthorn
Canow & Lateral Co Ltd Hallett	Shorthorn	James E R Bagot's Well	Mkg Shorthorn
Ce enash F L Anabundum Artunga via Alice Springs	Shorthorn	James R J Glenelth Riverton	Mkg Shorthorn
Clark T G Talunga Park Birdwood	Jersey	Jeffries P M Mt Bryan	Ilia M Sh thorn
Cleggett F J H Langhorns Creek Strathalbyn	Shorthorn	Jenkins L Trewnna Riverton	Ayrsh re
Cleggett Geo Langhorns Creek	Ilia M Sh thorn	Jones F G Cottesloe Springbank	Friesian
Clements R L Bridge View Willaston	Ayrshire		
Coleman F Tula Saddleworth	Jersey		
Coll n L A Dairy Springs Tungkeilo	Jersey		
Collins Matrice Burra	Shorthorn		
Connors J Murray Bridge	Mkg Shorthorn		
Cook K W Yallunda Flat	Ilia M Sh thorn		
Cowan F G Cra gnook via Mannum	Jersey		
Cowan Hion J Murray Bridge	Mkg Shorthorn		
Cowan L T Dalebank B akston	Jersey		
Crompton R & T E Box 247 GPO Adela de	Jersey		
Cudmore P R Victor Harbour	Jersey		
Cudmore R M Mount Lofty	Jersey		
D		K	
Da idson S nelar Burnfoot Angus Plains	Shorthorn	Keast J J Murray Bridge	Guernsey
Dav es J & Sons Munduney Stat on Spald ng	Shorthorn	Kelly J & Sons Aldersyde Ma tland York s Peninsula (sph)	Hersford
Daves W Topar Seaf old Avenue Kingswood	Mkg Shorthorn		Ilia M Sh thorn
Daw n s J G & C A Henley Beach South	Jersey		Friesian
Daw n s J H Parra Wirra Gawler River	Guernsey		Jersey
Demover Mrs B D Square Mile Narung	Jersey		Mkg Shorthorn
Duell Jas Ba rdsvi le Semaphore Rd Semaphore	Friesian		Ilia M Sh thorn
E		L	
Eagle J Sunnys de Murray Bridge	Fr es an	La dlaw A T 91 Alexandra Avenue Toorak	Ilia M Sh thorn
Eckermann W P Pella Ludundia	Jersey	Lea, J W Robe	Ilia M Sh thorn
Edwards F J R Box 25 P O Minlaton	Jersey	Legoe R J Yorg na	Ilia M Sh thorn
		Lewis Major Gilbert Guhnare	Mkg Shorthorn
		Llewellyn H Booleroo Centre	Ilia M Sh thorn
F		M	
Farrow J J T Gawler River	Shorthorn	McAuliffe W S Royal Hotel Ludundia	Jersey
Fendler J J Midang	Shorthorn	McEwin J Glen Ewin Houghton	Jersey
Fischer J H & Sons Wasleys	Mkg Shorthorn	McFarla e Mrs D P Brinkley East Well ngton	Friesian
Fischer Bros Hindmarsh Valley	Jersey	McNicol W J Douglas Park Salisbury	Fries an
Fivel O B Magill	Guernsey	Magor R C Glenburn Monte th	Friesian
Frost L W Cunlupland Saddleworth	Jersey	Male O E Gum View Monthith	Jersey
		Mann ng C B McLaren Vale	Fries an
		Manuel F J Rivolo Two Wells	Jersey
		McIntosh A J Kadlunga Munro	Jersey
		McIntosh The Hood R T MLC Wangara Mt Pleasant (s)	Jersey
			Mkg Shorthorn
			Ilia M Sh thorn
			Jersey
			Fries an
G		N	
Gale J J Gladstone	Fr es an	Ness C W Normannville	Ilia M Sh thorn
Gault Dr A A M Wham	Jersey	Neumann The late B G Oak Hill Farm Hampden	Jersey
Giles H J & J Yorktown	Ilia M Sh thorn	Neumann Mrs B G Oak Hill Farm Hampden	Jersey
G L H & J C Bapna Auburn	Ilia M Sh thorn	Nicholls E & A Findon Rd Woodville	Ilia M Sh thorn
G L Evans I W Lvandale Parilla	Jersey		
H		O	
Green F H Clebrook Lewiston	Jersey	Oates J T Kangaroo Flat	Jersey
Green H S Norriska	Jersey	O'Brien J Mypolonga	Ilia M Sh thorn
Greenhalgh S Crania	Ilia M Sh thorn	O'Shaughnessy P Broughton Crystal Brook	Shorthorn
		Ottens C C T Brinkworth	Jersey
		P	
		Page G E North Moonta	Ilia M Sh thorn
		Patterson E W Willowvale Long Flat, Murray Bridge	Friesian
		Pengilly H Myponga	Ilia M Sh thorn
		Perry A S Noarlunga	Jersey
		Pfizer Mrs C R H H Farm Endundia	Jersey
		Pfizer J A J Hampden	Jersey
		Provis F H Grantala	Jersey

Name and Address	Breed	Name and Address	Breed
Q Quint S T St Helens Woods de	Jersey	T Thomson J S Tarcoola	Mkg Shorthorn
R Rowe J H Horse Shoe Two Wells	Friesian	Tonkin F H Melton	Ilia M Sh thorn
S S A S Co Ltd Darbaraba Gundagai	Mkg Shorthorn	Trarner A H Nuyoulouga	Jersey
Scarfe Mrs I D Lden Lark Marryatlye	Jersey	Trarner O L Erndlen Eu lunda	
Schunke A G Fernina Manooora	Mkg Shorthorn	V Varcoe A Milcent	Ilia M Sh thorn
Scott A Bramfeld W C	Jersey	Varcoe T Toorak	Friesian
Scown J H Monalla Violet Farm Mag II	Jersey	W Way W Sunnys de Wallaroo	Jersey
Secomb H D & Sons Two Wells	Ayrshire	White C Burton Farm Box 30 Bol var	Friesian
Shepherd H S Glenroe Greenridge	Jersey	Wilcox A S Gawler	Ilia M Sh thorn
Shilabier H L Lberton Oakbank	Friesian	Wilcox S Currie Street Adela de	Mkg Shorthorn
Smith W J H Ma'lund	Ilia M Sh thorn	Wiles J F Cadell	Ilia M Sh thorn
Smith Warren M lang	Ilia M Sh thorn	Wiles J F Barossa Windsor	Ilia M Sh thorn
Smyth A E J Salter Springs	Mkg Shorthorn	Williams M R Blyth	Ilia M Sh thorn
Snell A Bol var	Ilia M Sh thorn	Woodcock F B Burwood Bol var	Friesian
Sparrow J T Box 17 Curmulla	Ilia M Sh thorn	Woolley H A Glenlyon Mount Barker Junct on	Jersey
Stacey J G A Normans lle	Ilia M Sh thorn	Worthley R H Fudon	Ilia M Sh thorn
Stevens Geo Murray Bridge	Mkg Shorthorn	Wright H C Grenfell Street Adela de	Red Poll
Strang G M T Belvo r Murray Bridge	Friesian		
Sutherland J E, Milcent	Ilia M Sh thorn	Y Yatala Labour Prison Stockdale	Ilia M Sh thorn

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural Coll ge Roseworthy	Southdown	Hart R R Glen Devon Two Wells	Dorset Horn
Agriculture Dept of Hyhybol Experiment Farm	Eng Leicester	Hawker Mrs E B Gord n	Merino
Anama Pastoral Co Ltd Clare	Merino	Hawker E W & Son Last Bungaree Clare	Merino
Ashby W B & Sons Ltd lla etc	Merino	Hawker W C & N M Bungaree Clare	Merino
Aldridge J W Bridge Lark Angle Vale Gawler	Romney Marsh	Hawker M S Andrews	Merino
Ayliffe Gera d G York Kingscote Kangaroo Island	Merino	Hawthorne Thos Dawesley	Merino
Bailey R P East Lynne Yongala	Merino	Hav J & A Harrogate	Merino
Barnitt Edw n Lyndoch	Dorset Horn	Helling J J A Ryelands T nt nara	Ryeland
Bastan J H Clare	Merino	Hill R J Vahl Mount Gambier	Merino
Bhop G A W stow	Merino	Hocking Vernon Gawler	Merino
Bhop J A Oxlands Yorke Pen nsula	Merino	Hume L J Peltona T Park Terr Parks de Adelaide	Dorset Horn
Bradford J J Braes de F n s	Shropshire		
Brooks Bros & Son Clare	Merino	James F Woodleigh Charleston	Dorset Horn
Brooks D A Arwarkura	Merino	Jared W H M Laren Vale	
Brooks G & P A Ltd Bw klund Park Two Wells	Suffolk	Jenks n Evan M Terow e	Merino
Bu k O E Kingscote Kangaroo Island	Merino	Jenks n R A One Tree Hill	Merino
Butler G T Kapunda	Merino	Just A T Box 43 Peterborough	Merino
CARTER BROS Jamestown	Merino	Kalaby Pastoral Co Ltd Kalaby Olary	Merino
Caux I V de W lunga	Dorset Horn	Keane Bros Fort P re	Dorset Horn
Chap an R W Kingscote Kangaroo Island	Merino	Kelly H W Yelka Sm thfield	Suffolk
Collins H C J Terow e	Merino	Kelly J & Son Alderdyde Maland York s Peninsula (cph)	Merino
Collins H Mel de Lamara Booborawne Murra	Merino	Kelly W S Merindide Gles Corner	Dorset Horn
Collins H Henry & Co Luermedale Mount Bryan	Merino	Kerr Bruce C K ndoo Park Roseworthy	Dorset Horn
Collins John & Sons Collins lle via Hallett	Merino	Kerslake J T Strathalbyn	Shropshire
Collins Maurice Aberdeen	Merino	Keynes Joseph Keyneton	Merino
Collins I W W lunga	Dorset Horn	Koonoonna Proprietors Burra	Merino
Cordon Walter Bala e North	Dorset Horn		
Craig D S Hallett	Shropshire	Laclaw A T 91 Alexandra Avenue Toorak	Dorset Horn
Culley A C Sell k s l l l	Shropshire	Lang T E Whyandee Georgetown	Merino
Culley J H Aldinga	Shropshire	Lemmy G J & H R C Two Wells	Dorset Horn
Dalson R L Haw Wood d	Merino	Lewis Major bert Gulsare	Merino
Dalson Edward R Hallett	Merino	Lines R E Gladstone	Merino
Dalson John & Sons Manditory Spalding	Merino		
Dawson J H Barra W rre Gawler River	Dorset Horn	M Farlane Allan Fast Wellington	Merino
Dawson M W Newbold Gawler River	Dorset Horn	M Farlane Gordon H Fast Wellington	Merino
Dawson M W Barra W rre Mt Crawford	Dorset Horn	Madment A H H ndmarsh Island	Dorset Horn
Dal C & Sons Nare	Merino	Madment A H R, Tatanunda Hindmarsh Island	Shropshire
Denn A J Barco la	Dorset Horn	Martin G R "Wanted lo Sandy Creek	Ward Leicester
Dewell F Mt Piratant	Merino	Martin W M Jamestown	Merino
Dunn A L Ashton me	Merino	Martin W S Balmoral Sandy Creek	Dorset Horn
Dutton H H Anlab Kapunda	Merino	Melrose Alex J, Mntaro	Merino
Fraser P B Monarto	Merino	Melrose G R & A Rosebank Mount Pleasant	Merino
Freeman G T Clare	Merino	Melrose John Loko	Merino
		Milvin H & F H Collins Kooranga	Merino
Garrett Donald Jun Auburn	Dorset Horn	Miles H n W C Native Valley	Merino
Grant G H & Mrs B M The Grove M Laren Flat	Southdown	Moitlock J A T Mntaro	Merino
Grundy W Hindmarsh Island	Lincolne	Miles J H W Winton	Merino
	Shropshire	Murray Bros Rhine Park Fdra Valley	Merino
		Murray C & I Catapoo, Mount Bryan	Merino
		Murray J T Woodhouse	Merino
		Murray W a r s Hallett	Merino
Hansen R H Strathalbyn	Merino		
Hanlin J G Hallett	Merino	STEWART R P G, Balrore	Suffolk
Hannaford W J Hallett	Merino	Stewart W H, "New va Lark," Hoyalton	Shropshire
Harper A A "Park Farm," Claremont	Shropshire		

Name and Address	Breed	Name and Address	Breed
Oldfield H J Myponga	Southdown	Shillabeer H H., Liberton Oakbank	(c) Leicester
Op e Bros 23 Frederick Street Unley	Dorset Horn	Starkey C H H H View Sanderston	Merino
PFLEFFER, H E., Golden Ridge Woodside	Dorset Horn	Strling Sir J L Woodchester	Merino
Pfeister J C & Son, 100 Era Woods de	Dorset Horn	Sull van J J Bordertown	Southdown
Pfeister J R Eureka Woods de	Dorset Horn		Konnyey Marsh
Pilkington James Jamestown	Merino		Polwarth
			Suffolk
		Symes H W G Woodstock Virginia	Shropshire
Rankine Bros Hindmarsh Island Goolwa	Dorset Horn		
Reynell Walter & Sons Ltd Reynella	Shropshire	Tehmann J H Georgetown	Merino
Richardson W n Woodchester	Merino	Thomas A J Gawler	Merino
Rosch G C Trowe	Merino	Thomas L A Smiths dld	Shropshire
Robinson W C Noarlunga	Suffolk	Thomas H W Craiglee Manoorra	Merino
Rodiger Mrs F W Rivers de Gawler	Suffolk	Trengore Samuel Spalding	Merino
		Turner George A Smiths Bay Kangaroo Island	Merino
Sauerbaer G Jocklyn Port Noarlunga	Southdown		
Sauerbaer G K Wickham Park MacLaren Flat	Southdown	Voigt Theo Saddleworth	Merino
Sauerbaer K C The Gums MacLaren Flat	Southdown		
Sandland K Chester Koorunga	Merino	W Kham & Candy Happy Valley Vineyard O'Halloran	Shropshire
Sawers H J P Stannington Avenue Maryatville Adelaide	Merino	Hill	(f)
		Williams R J Mount Graham Wilkescent	Dorset Horn
Sawers Ross Haldane Ashbourne	Romney Marsh	Wilson R H Angus Plains	Merino
Schneker H B Trevalle, Ayblybolte	Dorset Horn	Wood Wm Willow, Port Pirie	Dorset Horn
Scott C D Mernebank Goolwa	Shropshire	Wright H C Grenfell St. Adelaide	(c) Suffolk
Sewage Farm Linton	Leicester		
	Dorset Horn	Yalkurn Pastoral Co Yalkurn Station Narrung	Bord Leicester
Shepherd R I Harrogate	Merino	Ye ne Robt I. Narrung	Merino

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College Roseworthy Agriculture Dept. of Kybybolte Experiment Farm Aldridge J W Bridge Park Angle Vale Gawler	(csk) Berkhire (cr) Yorks (M W) (s) Glos Old Spots	Melrose Hon R T M L C Wangara Stud Mt Pleasant (c) Newman W H Newlyn Park Hoyleton ()	Berkshire Berkshire
Bruce W H Ltd Grote Street Adelaide	Tamworth	Phizner J A J Hampden ()	Berkshire
Demonstration Farm Turrells Rd Rosedale	Yorks (M W)	Squires J L Glenford Middleton	Yorks (M W) Berkshire
Fawcett L J K Kara Kapunda Frame J L Mount Barker	Berkshire Berkshire	Symon O S Edgehill R erton	Berkshire
Hill A T Gilberts de Tarlee	Berkshire	Thomas A F Box 1 P O Gawler	Berkshire
Kelly J & Son Aldersley Ma tland York s Peninsula (csk)	Berkshire	Wade W R V Meadowlea Withunga	Yorks (M W)
Longbottom M R Blossom Vale R erton	Berkshire	Webb F W Halbury Wickham & Candy Happy Valley Vineyard O Halloran Hill	Berkshire Berkshire

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College Roseworthy Angas Charles H Collingrove Angaston Barton J A Ysallera Clare Barford Bros Watlie Grove Angle Vale Dawkins J H Patra W ira Gawler Dawkins W J Newbold Gawler River	(esp) Clydesdale Hackney Clydesdale	Lang E E Whyandra Georgetown Long W E Stonedale Farm Stansbury Loveridge Geo Mundooro Lyall D A St Andrews Auburn	(c) Clydesdale
Francis Jos & Sons Fine View Stud Farm Matland	(s)	Matland A Renfrew Rochester Matland Jas Anama Hart	
Greenslade S Urania Gugg S Urania Gugg W D Koolunga		Pethick W J Aldinga Place Dr L Evelyn 488 G P I Adelaide	Percheron
Hentschke P B Craiglee Stud Farm Hart Hill Bros Myrtle Bank Georgetown		Standley A J Fair View Stud Farm The Pinery	Clydesdale
Kelly J & Son Alderside Matland Yorke & Peninsula (est)		Stanotki C F W Palm Villa Estate Loxton Sull an I & N Halbury	Blood Clydesdale

WESTERN AUSTRALIA

Cattle Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Hennig A H Hamlet Lea Warona	Jersey	Richthelm Bros Woodyard Brook	(s) Jersey
Herbert S I Hooka Nungarin	Jersey	Robert C J Kyanae Landarragan	Shorthorn
Ironmonger C H Woonerup	Jersey	Robert C J Kyanae Landarragan	Shorthorn
Kelly A J Quairading	Red Poll	Rose J M Carlan Dale Darlin p	(s) Jersey
Krems C Stone Hill Donnybrook	Jersey	Rose R H Grass Vale Burekup	(s) Jersey
Lefroy A W B Hill View Farm Chiltering Brook	(s) Jersey	Roldu k S B Koochabbe Coorow	Jersey
Lefroy & Lefroy Newry Park Namban	(p) Jersey	Santon J Farm Wooroloo	(p) Milg Shorthorn
Liddell & Coomandoo Koomandoo	Milg Shorthorn	SANDLAND PHILLIP T Burrabidge Moora	(s) Red Poll
MacKay Bros Kooland Northam	Ayrshire	Seaton J A Crantham Donnybrook	Jersey
McManus E M Athorpe Northam	(s) Jersey	Sharp C D Haleakala Donnybrook	Jersey
Mahberg E M Cloverlea Boyanup	Jersey	Snyder C F La thness Kondut	Jersey
Malcolm D Sarnia Stud Farm Wag n	(s) Milg Shorthorn	Smith J MacCallum Hon ebs Stud Farm Coakern p (s)	Red Poll
Mann C A W Narrogin Northam	Jersey	Smith J MacCallum Hon ebs Stud Farm Coakern p (s)	Milg Shorthorn
Marshall A E Newwood Cullford	Jersey	Smith J MacCallum Hon ebs Stud Farm Coakern p (s)	Milg Shorthorn
Mart n T S Spring Cully Northam	Jersey	Smith J MacCallum Hon ebs Stud Farm Coakern p (s)	Jersey
Moera W I Hill Farm, Cool p	Jersey	Spencer C C Calcanee Grass Valley	Jersey
Padbury A W Koojan Midland Railway	(p) Jersey	Stephens S J H ndon Estate Moorlabenir	Jersey
	Shorthorn	Stren p J J B Greenmount	Jersey
Padbury M T Row D Guildford	Jersey	Taggart Mrs A Walked on Wagon Hill	Jersey
Padbury W Garden Hill Guildford	(p) Jersey	Tavil R C Longlan ls	Jersey
	Friesian	Walton H G Crantra Toodyay	Red Poll
Paul Mrs J D Aberbechan Koojanup	(p) Jersey	Walker & Co Judaine Spencer s Brook	(p) Jersey
Paton Mrs J J Altres Marchager West	Red Poll	Wilford H Hartog n	Ayrshire
Pear Allan Avoncourt Woonerup	Jersey	W H n T H Wok ne	Jersey
Pearse H B Braeside Stud Farm Katann n	(s) Red Poll	W H n T H Wok ne	Ayrshire
Prowse B W Capel	Jersey	W H n T H Wok ne	Red Poll
		Wilson A W Karmdale	Guernsey

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College Muresk	Merino	Dent P W The Retreat Boyup Brook	Merino
Agriculture Dept of Perth	(s) Merino	Drake Brockman M Beechborough Northam	Dorset Horn
Agriculture Dept of Experimental Farm Coomandoo	Merino	Edie John E H Croft Brookton	Merino
Agriculture Dept of Experimental Farm Traralgon	Merino	Edgar A W & Co Strathallan Gungah	(s) Leicester
Anderson Cleft Narrawong Katanning	Merino	Edgar Est of A W Glenroen C New Norcia	Merino
Anderson Jeter Kelleys Rock East Wicket n	Merino	Ellery C H Toodyay	Dorset Horn
Anderson Ross Hlaren Katanning	Merino	Emmerson P J Gora Cove Wagon	Merino
Anderson Thos Broomehill	Merino	Ferguson R D Warrenabbie Moora	Merino
Anton o Bros Loma Lang Katanning	(s) Bord Leicester	Fewster H H Woodrump Arthur River	Merino
Atkins Bros Ltd via Yalcoo	Merino	Fidock John H Glen Innes Woodanild n	Merino
Atwell Frank P Woodendale Toodyay	(s) Merino	Fisher H M & Co St Aubyns Beverley	Merino
Bail L M Quairading	Merino	Fordyce J H & E Nares Riverside Northam	(s) Dorset Horn
Baileys H L Roseworthy Moolbinunx	Merino	Gaze W O Yarrowee Gnowangerup	Merino
Ball Alexander Rylestone Katanning	Merino	Georch Gordon G Wandayee Carnarvon	Merino
Barrett Lennard F T D Wooderlin Beverley	Merino	Gent A E Nabawah via Geraldton	Merino
Barrett Lennard Frank Seaton Ross Beverley	Merino	Grant Alex E Yanget Geraldton	Merino
Barrett Lennard John Monthoola Williams	Merino	Grant D J Moonyooka via Geraldton	Leicester
Barron Rodway H Darkan	Merino	Green A W Spring Park Middle Swan Nr Midland	Bord Leicester
Baxter R L & Sons Cunder n	Merino		
Bennett K C Goodwood n Dun bluveng	Merino	Green E J Landscape Hill Pingelly	(s) Merino
Birt A T Hillend Tambellup	Merino	Heall E A Woodcane Carnarvon	Merino
Birt Edward P H Armeen Tambellup	Merino	Herrin Erley Vernon & Son Haseley Toodyay	Merino
Blechynden E & H Box ls Beverley	Dorset Horn	Hammond J D Cottenang Kellerberrin	(s) Merino
Blechynden James Springfield D n nup	Merino	Hancock H W Rochile Northam	Merino
Blechynden S P East Lynne Beverley	Dorset Horn	Hardie Geo L Wall nar Broomehill	Merino
Boordly Pastoral Co Ltd Cranmore Park Walebang	Merino	Hardie T A & Son Rosedale Narragin	Merino
Bostock G H Pingelly	Merino	Harper P H Koojan Gungah	(s) Bord Leicester
Brocken an M Drake Beechborough Northam	Dorset Horn	Harrison Thos H Leighton Doodlak ne	Merino
Brown J W Southbourne Beverley	Merino	Harvey J F Ormisdale Lake Grace	Merino
Brown A A Riverside Warran	Merino	Heasman Douglas Jeffrey Middleady Carnarvon	Merino
Brown A A Hill ew Arthur River	Merino	Higham S & W Hartmanning Station Williams	Merino
Brown John T Boondine Narron	Merino	Hooper A B Northam	Dorset Horn
Bullock A F Kooja Coomandoo	Merino	Horwood F B Bndewater Darkan	Dorset Horn
Burges C L Ouelgen nr Meckering	Shropshire	Howe Geo F H Chibollan Katanning	Merino
Burges R K Burgess T ng	Southdown	Hull James Lenda Vale Darkan	Merino
Burges Mrs M F T Terryary Burges Siding	Kyeland	Johns W L & Son Furl Narragin	Merino
Burges P P Woonerup Burges Siding	Lincoln	Jones H B Hopevale Dowerin	Merino
	Komney Marsh	Jones J R Geraldine via Narragin	Bord Leicester
Burges R L Hunt ng Lodge Box ls Meckering	Dorset Horn	Kearny Leslie C Coak Waterloo	Merino
	Dorset Horn	Keen Paul Vercort Box l Toodyay	Merino
Burges W G T Terryary Burges Siding	Southdown	Keisall Dr H T & Sons Lismoor Berkshire Valley Moora	Dorset Horn
	Dorset Horn		
	Shropshire	Kerr J C Melbourne Ferguson	Merino
	Komney Marsh	Kiern P V Box l Toodyay	Bord Leicester
	Bord Leicester	Knap Frederick T Northlands Boyup Brook	Merino
Burges J C Iron Park Irwin	Merino	Ladyman Joseph Woodlands Katanning	(s) Merino
Caw & Hubbe Woodrump Koojanup	Merino	Law J H M harnup Serpentine	Bord Leicester
Chilton Estate of the late H W	Merino	Leake Bros W & Co W helen	Merino
Chumens Bros Kattaranga Dungen	Merino	Lefroy A L B Hill View Farm Chiltering Brook	(s) Bord Leicester
Cookman A L W Faird ls Broome Hill	Merino	Loton Est of A G Springhill Spencer s Brook	Merino
Cooker Doherty & Durack Ltd Behn Ord Wagin	Merino	Loton E T Belvoir Upper Swan	Merino
Cooke Angus A n Stony Ridge Grass Valley	Merino	McDougal Arthur Vemung Gwendore Katanning	Merino
Cooke H F Havelly Tammin	Merino	McNellar James Douglas Glenville Beverley	Merino
Coker Arch beld Boyup Brook	Merino	McNee & Co Ltd Borellier Wagon	Merino
Correll Joseph Arthur K r	Merino	McManus E Mndawyer Northam	(s) Merino
Crawe Arthur James Carlewep Katanning	Merino	Makdon D Sarnia Stud Farm Wagon	(s) Dorset Horn
Crawe Charles Frederick Gullands Woolan J n	Merino	Mann J J L The Barrs ka Beverley	(s) Merino
Crawe W C Wrederdale Moorwing	Merino	Manning A C Myvota Benet	Dorset Horn
Crowley F H Cl n Wondan n	Merino	Martin Jesse Coellier Williams	Merino
Cunnection & Sons Cundlerry Waking	Merino	Marwick Bros Box 4 York	Merino
Dal S C Dalven Quairading	Merino		
Dalton L C Toodyay Wicketup	Komney Marsh	Moe A J Chiltering Gnowangerup	Ayrshire
Dar J n Darkan Wulen	Merino	Moorey Grl n C Merty Farm Burekup	Merino
Dempster J C Grass Valley	Merino	Moorey A J Darkan York	Bord Leicester
		Murphy Albert Ernest Koomandoo Bruce Rock	Merino

Name and Address	Breed	Name and Address	Breed
O'feld H J Myponga	Southdown	Shdlabeer H H Liberton Oakbank	(f) Merino
Op e Bros J Frederick Street Unley	Dorset Horn	Starkey C H Hull View Sanderton	Merino
PFEIFFER H E. Golden Ridge, Woodside	Dorset Horn	Stirling Sir J L Woodchester	Southdown
McHaffer J C & Son New Lta Woods de	Dorset Horn	Sullivan J J Bordertown	Romney Marsh
McHaffer J R Eureka Woodside	Dorset Horn		Polaris
Milk n, ton James Jamestown	Merino		Suffolk
		Sykes H W C Woodstock Virginia	Shropshire
Ranku e Bros Hindmarsh Island Goolwa	Dorset Horn		
Revnell Walt & Sons Ltd Reynella	Shropshire	Tebmann J H Georgetown	Merino
Richardson Wm Woodchester	Merino	Thomas A F Baco Gawler	Merino
Roa H G C Terowie	Merino	Thomas E A Smithfield	Merino
Robinson W C Noarlunga	Suffolk	Thomas H N Craigle Manocra	Shropshire
Roediger Mrs. F W Rivers de Galle	Suffolk	Trengore Samuel Spalding	Merino
		Turner George A Smith Bay Kangaroo Island	Merino
Sauerber G Jocklyn Port Noarlunga	Southdown		
Sauerber G h Wickham Park MacLaren Flat	Southdown	Vogt Theo. Saddleworth	Merino
Sauerber h C The Gums, MacLaren Flat	Merino		
Sandila d h Chester Moorunga	Merino	Wickham A Candy Happy Valley Vineyard O'Halloran Hill	(f) Shropshire
Sawers h P P Stannington Avenue Murrumbidgee Adelaide	Merino		
		Williams R J Mount Graham Midcent	Dorset Horn
Sawers Ross Halland, Ashbourne	Romney Marsh	Wilson R H Angus Plains	Merino
Schmidt H B Trevalle, Kybybolite	Dorset Horn	Wood Wm Willows, Port Pirie	(f) Suffolk
Scott C D Mernebank Goolwa	Shropshire	Wright H C Grenfell St. Adelaide	
Sewage Farm Islington	Licester		
	Dorset Horn	Valour Pastoral Co Yalkon Station Narrung	Bord Lecons
Sheehy R I Myrrogate	Merino	Yee ne Robt L Narrung	Merino

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College, Roseworthy (sh)	Berkshire	Melrose Hon R T M L C Wangora Stud Mt Pleasant (1)	Berkshire
Agriculture Dept of Agriculture Experiment Farm (cr)	Yorks (M W)	Newman W H Newlyn Park Howletton (1)	Berkshire
Adridge J W Bridge Park Angle Vale Gawler (s)	Gloss Old Spots	Pitner J A J Hampden (1)	Berkshire
Brooke W H Ltd Grote Street Adelaide	Tanworth	Squires J L Glenford Middleton	Yorks (M W)
Dennis Tatio Farm Turrett Rd Rowland	Yorks (M W)	Simon O S Edgehill Rverton	Berkshire
Lawrie L J Kinnara Gap nla	Berkshire	Thomas A F Box 1 PO Gawler	Berkshire
Leane J L Mun Bakt	Berkshire	Wade W R V Meadowlea Willunga	Yorks (M W)
H T A T C Bers e Tarlee	Berkshire	Webb F W Halbury	Berkshire
Ke J J Son Akkers d Matthan York Peninsula sh	Berkshire	Wickham A Candy Happy Valley Vineyard O'Halloran	Berkshire
Louche J K L Cony Ltn	Berkshire		

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College, New South Wales, Charles H. Colquhoun Angaston	(sf) Cl destale Hackney	Lang E. E. Whydara, Georgetown	(f) Cl destale
Barton E. A. Vastell, Clare	Cl destale	Long W. E. Stonedale Farm, Stanbury	"
Barford E. A. Vastell, Clare		Loveridge Geo. Mundooro	"
Davis J. H. Parra Warr, Gawler		Lvall D. A. St. Andrews, Auburn	
Dawkins J. J. Newbold Gawler R. cr	(s)	Naitland A. Renfrew, Rochester	
Francis, Jos. & Sons, F. New Stud Farm, Maitland		Maund Jas. Anama, Hart	
Greenacre S. Urania		Pethick W. J. Aldinga	Percheron
Grigg S. Urania		Place Dr. E. Evelyn 4th S. G. P. I., Adelaide	
Grigg W. D. Koolunga			
Hentschke, P. B. Craggie Stud Farm, Hart		Standley A. J. Fairview Stud Farm, The Pinery	Cl destale blood Clydesdale
Hul Bros. Myrtle Bank, Georgetown		Stanstrick C. F. W. Palm Villa Estate, Loxton	
Kelly T. & Son, Alderside, Maitland, York & Peninsula (esp)		Stallan, I. M. M. Holburn	

WESTERN AUSTRALIA

Cattle Breeders

Cattle Breeders			
Name and Address	Breed	Name and Address	Breed
Agricultural College Agriculture Department Perth	Guernsey (1)	Carroll, R. & Sons, Box 33, P.O. York	Jersey
Agriculture Narrogin S. Alwerdt, J. W. Woodville B.	Guernsey (2)	Church E. I. Dunroath Belmont	Friesian and Milg. Shorthorn
BELL & BOYS, A. Harvey B. Bichyngham & H. Harvey	Avrish re (1)	Claren ont Hosp. tal for Insane Claremont	Jersey
Clifton A. F. Aberystoke Brunswick Junction	Jersey	Clifton A. F. Aberystoke Brunswick Junction	Jersey
Combs, G. Brook Vale Jaradup	Friesian	Clifton A. F. Aberystoke Brunswick Junction	Guernsey
Denmark State Stud Farm Denmark	Jersey	Combs, G. Brook Vale Jaradup	Milg. Shorthorn
Di. nley Bros. Sunnyside Capel	Jersey	Denmark State Stud Farm Denmark	Avrish re (1)
Edgar A. W. & Co., Strathalbyn, Gun. in	Jersey	Di. nley Bros. Sunnyside Capel	Jersey
Gonder D. J. Rocklands Park, Rocklands	Jersey	Edgar A. W. & Co., Strathalbyn, Gun. in	Jersey
Grauer I. C. Sande Morawa	Jersey	Gonder D. J. Rocklands Park, Rocklands	Jersey
Green A. W. Spring Park Melle Swan	Jersey	Grauer I. C. Sande Morawa	Jersey
Hammond I. D. Cuttentoe Koolberrin	Jersey	Green A. W. Spring Park Melle Swan	Jersey
Harper P. H. Koonan, C. m. in	Jersey	Hammond I. D. Cuttentoe Koolberrin	Jersey
Hollers, W. Koolberrin, v. a Bruce Rock	Friesian	Harper P. H. Koonan, C. m. in	Jersey
		Hollers, W. Koolberrin, v. a Bruce Rock	Red Poll

Name and Address	Breed	Name and Address	Breed
Hennings A H Han ellea Waroona	Jersey	Rischleth Bros Woodyarrup Broome Hill	(s) Jersey
Herbert S P Nooka Nungann	Jersey	Roberts C J Kyanab e Dandarragan	Shorthorn
Irromonger C H Woonerup	Jersey	Roberts M Chelso Dandarragan	Shorthorn
Kelly A J Quadering	Red Poll	Rose I M Carlan nda Dardunup	(s) Jersey
Kreins C Stone Hall Donybrook	Jersey	Rose R H Grass Vale Durekup	(s) Jersey
Lefroy A W B Hill v e Farm Chiling Brook	(s) Friesian	Ruddock S B Koobabb e Coorow	Jersey
Lefroy & Lefroy Newry Park Namban	(s) C. ensley	Sanatons in Farm Woorlooloo	(s) Milk Shorthorn
Liddell & Thompson Koonall Kunumappin	Milk Shorthorn	SANDLAND PHILLIP T. Burrallidgy Moorra	(s) Red Poll
Ma kay Bros Buckland Northam	Ayrsh re	Sears D Donybrook	Jersey
McManus E M Northorpe Northam	(s) Jersey	Sharp C D Haleakala Donybrook	Jersey
Mahlberg A M Clo ert len Bonup	Jersey	Snela r G L Ca thness Kondut	Jersey
Mall ole D Sarn a Stud Farm Wagin	(s) Milk Shorthorn	Smith J MacCallum Homebush Stud Farm Coakernup(s)	Red Poll
Manning A W Nardale Northam	Jersey	Smith R P ne Creek W rillat i D	Milk Shorthorn
Marshall A E newood Guiford	Jersey	Smith Mrs T Wongong Arm adale	Milk Shorthorn
Martin T S Spring Gully Northam	Jersey	Smith F J Lonswood Waroona	Jersey
Morga W E H H Farm Cool p	Jersey	Spencer C C Calcan ne Grass Valley	Jersey
Padb ry A W Koojan M dland Railway	(s) Guernsey	Stephens S J Bndon Estate Moolalaben e	Guernsey
	Si orthorn	Str npel A J B Greenmount	Jersey
	Hawford	Taggart Mrs A Walkad ne Wongon H lls	Jersey
	Jersey	Taylor R C Longlands	Jersey
Ladbury M T Rosch il Gu Mford	Jersey	Walton H G Grantara Toodyay	Red Poll
Ladb ry W Garden H il Guild ord	(s) Fries an	Walker & Co Juad ne Spencer s Brook	(s) Jersey
	Red Poll	Wh thord H Narrag n	Jersey
Paulthorpe V D Aberbechan Koojo up	(s) Red Poll	Wh thord T H Mook ne	(s) Jersey
Paton Mrs J J Altres Marchage West	Jersey	Wils H & Co Hawkhurst Stud Farm Mackie s Cross ng	(s) Jersey
Pele Allan Avoncourt Woonerup	Jersey	York	Ayrsh re
Pessie H V Braes de Stud Farm Katann ng	(s) Red Poll		Red Poll
Prowse B W Capel	Jersey	Wilson A W Kairdale	Guernsey

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College Muresk	Mennos	Dent P W The Retreat Boyup Brook	Mennos
Agriculture Dept of Perth	Mennos	Drake Brockman M Beechborough Northam	Dorset Horn
Agriculture Dept of Experimental Farm Coonamble	Mennos	Ede John E H Berod Brookton	Mennos
Agriculture Dept of Experimental Farm Trang e	Mennos	Edgar A W & Co Strathalbyn G ng n	(s) Le cester
Anderson Cliff Narrawong Katanning	Mennos	Edgar List of A W Glenrouse New Norcia	Mennos
Anderson Ieter Kelleys Rock East W ckp n	Mennos	Ellery C H Toodyay	Dorset Horn
Anderson Ross Huelena Katanning	Mennos	Faulkner F L Ora Couss Wag n	Mennos
Anderson Thos Broomehill	Mennos	Ferguson P D Warregabb e Moorra	Mennos
Anton o Bros Loma Langi Katann ng	(s) Bord Le cester	Fewster R H Wooradup Arthur River	Mennos
Atkins Bros Ltd via Yalgoo	Mennos	Fisher H H Glen James Woodanull ng	Mennos
Atwell Frank P Woodendale Toodyay	(s) Mennos	Flack H M & Co St Aubyns Beverley	Mennos
Baika L M Quadering	Mennos	Forward L & Co Noggo Rivers de Northam	(s) Dorset Horn
Bainstone R L Roseworthy Mouly nn ng	Mennos	Garce W O Varragoe Gnowangerup	Mennos
Ball Alexander Rylestone Katanning	Mennos	Geoch Gordon G Wandeyre Carnarvon	Mennos
Barrett Lennard E T D Woonderlin Beverley	Mennos	Go lid S E Nabawah v a Geraldton	Mennos
Burrett Lennard Frank Seaton Kors Beverley	Mennos	Grant Alex E Yanget Geraldton	Mennos
Burrett Lennard John Muntchoa Willams	Mennos	Grant D E Moonyoonooka a Geraldton	Le cester
Barron Rodway H Darkan	Mennos	Green A W Spr ng Park M dle Swan Nr M dland	Bord Leicester
Baxter R L & Sons Cunderd n	Mennos	Junct on	
Bennett R G Goodworth Dumbleyung	Mennos	Gre n i J Landscape Hill Pingelly	Mennos
Bert A T Ellendeld Tambellup	Mennos	Hall E A Wooranel Carnarvon	Mennos
Bert Edward P H Arneen Tambellup	Mennos	Han esley Vernon & son Hasley Toodyay	Mennos
Blechynden F & H Box 18 Beverley	(s) Dorset Horn	Hammond J D Cuttingen Kellerberrin	(s) Mennos
Blechynden James Springeld D m nup	Mennos	Hancock H W Rochffe Northam	(s) Mennos
Blechynden S F Last Lynne Beverley	Dorset Horn	Hard e Geo L Wall nar Broomehill	Mennos
Bookley Jastrol Co Ltd Cranmore Park Walebang	Mennos	Hard e T A & Son Rosedale Narragin	Mennos
Bookley G H Pingelly	Mennos	Harper P H Kneran G ng n	(s) Bord Le cester
Brookman M Drake Beechborough Northam	Dorset Horn	Harrison Thos H Le ghton Doodhak ne	Mennos
Broun J W Southbourne Beverley	Mennos	Harvey J F Orn dale Lake Grace	Mennos
Brown A A R newark Katanning	Mennos	Hearman Douglas Jeffrey M ddinga Carnarvon	Mennos
Brown A A Hall ew Arthur R ver	Mennos	Hgham T A & W Barton nnd Slaton W hiam	Mennos
Brown John T Boond ne Narragin	Mennos	Hooper A B Northam	Dorset Horn
Bullock A F, Koonga Coombardale	Mennos	Horwood F B Bridgewater Darkan	Dorset Horn
Burges G L Quelen ng Meckering	Shropshire	House Geo. E H Ch ibolton Katann ng	Mennos
Burges L R Burges S d ng	Southdown	Hull James Linn Vale Darkan	Mennos
Burges Mrs M F Tipperary Burges S d ng	(s) Ryeland	Johns W L & Son Firie Narragin	Mennos
	Lincola	Jones H B Hopevale Dowerin	Mennos
	Komney Marsh	Jones J R Geeralyng via Narragin	Bord Leicester
Burges R I Hunt ng Lodge Box 14 Meckering	Dorset Horn	Keams Leslie Cardo Watheron	Mennos
Burges W G Tipperary Burges S d ng	(s) Dorset Horn	Kenn Paul Vincent Box 1 Toodyay	Mennos
	Shropshire	Kelsall Dr H T & Sons, Lamoer Berkshire Valley Moorra	Dorset Horn
Burges, I C Irwin Park Irwin	Mennos	Kerr J C Melburnup Ferguson	Mennos
Caw & Hubbe Woodrup Koojo up	Mennos	Kerr J W Box 1 Toodyay	Bord Le cester
Clarkson Estate of the late H W The Range Toodyay	Mennos	Knappe Frederick T Northlands Boyup Brook	Mennos
Clemens Bros Katannara Dangan	Mennos	Ladyman Joseph Woodlands Katanning	(s) Mennos
Cockrain A E V, Fairfield Broome Hill	Mennos	Law J H M karnup Serpent ne	Bord Leicester
Connor Doherty & Dura & Ltd Behn ord Wagin	Mennos	Leake Bruce W Candoma Kellerberrin	Mennos
Cook Angus John Stony Ridge Grass Valley	Mennos	Lefroy A L B Hill v e Farm Chiling Brook	Bord Leicester
Cook H L Huelena Tanm m	Mennos	Lot v Est of A G Spr nghill Spencer s Brook	Mennos
Corker Arch bald Boyup Brook	Mennos	Loton, E T Belvor Upper Swan	Lincoln
Cortell Joseph Arthur R ver	Mennos	McDougal Arthur Vennue Glendore Katanning	Mennos
Crane Arthur James Cart ney Katanning	Mennos	McKellar James Douglas, Dorely Beverley	Mennos
Crane Charles Frederick Oaklands Woodlamaine	Mennos	M henrie & Co Ltd Bo aline Wagin	Mennos
Crane W T Wreford ale Moorybung	Mennos	M Manus E Minathorpe Northam	(s) Mennos
Crovelle P H Cl i n Woodanull ng	Mennos	Malcolm D Sarnia St d Farm Wagin	(s) Dorset Horn
Cunn neton & Sons, Cundl bert Walebang	Mennos	Manna J The Bluffs de Beverley	Mennos
Dal i s C, Dulveen Quadering	Mennos	Manning A C Myrtos, B ewer	Dorset Horn
	Komney Marsh	Martin Jesse Coaling Williams	Mennos
Dalton L C, Toolang Walepin	Mennos	Marwick Bros Box 4 York	Mennos
Dav John Darkale Welen	Mennos		Shropshire
Daw pster J C, Grass Vale	Mennos	Mier A J Ch llnup Gnowangerup	Mennos
	Mennos	Mowry Griffin C, Henty Farm Barkly	Mennos
	Mennos	Mowett A J Damsk York	Bord Leicester
	Mennos	Murphett A Bert Ernest, Kunumappin Bruce Rock	Mennos

Name and Address	Breed	Name and Address	Breed
Oldfield H J Myponga	Southdown	Shilabeer H H Liberton Oakbank	(c) Leicester
Op e Bros "3 Frederick Street Unley	Dorset Horn	Starkey C H Hill View Sanderton	Merino
PEIFFER H E Golden Ridge Woodside	Dorset Horn	Strong Sir J L Woodchester	Merino
Peiffer J C & Son New Era Wood de	Dorset Horn	Sullivan J J Bordertown	Southdown
Peiffer J R Eureka Woods de	Dorset Horn		Romney Marsh
Pulington James Jamestown	Merino		Pulworth
			Suffolk
			Shropshire
Rank e Bros Hindmarsh Island Goolwa	Dorset Horn	Sy s H W C Woodstock Virg a	
Reynell Walter & Sons Ltd Reynella	Shropshire		
Richardson W Woodchester	Merino	Tehmann J H Georgetown	Merino
Roach G C Terow e	Merino	Thomas A J Box J Gawler	Merino
Robinson W C Noarlunga	Suffolk	Thomas E A Smythfield	Merino
Roedger Mrs I W Riversdale Gawler	Suffolk	Thomas H N Cra glie Manooora	Shropshire
		Trengore Samuel Spalding	Merino
		Tucker George A Smith Bay Kangaroo Island	Merino
Sauerber G Jocklyn Port Noarlunga	Southdown		
Sauerber G K Wickham Park MacLaren Flat	Southdown	Vogt Theo Saddleworth	Merino
Sauerber K C The Gums McLaren Flat	Southdown		
Sandland H Chertsey Koonunga	Merino	Wickham & Candy Happy Valley Vineyard O'Halloran	Shropshire
Sawers J I I Sannington Avenue Maryatville Adelaide	Merino		(p)
		Williams R J Mount Graham Mulcent	Dorset Horn
Sawers Ross Haldane Ashbourne	Romney Marsh	Wilson K H Angus Plains	Merino
Schinkel H B Trevalle Kybybolite	Dorset Horn	Wood Wm Wailows Port Pirie	Dorset Horn
Scott C D Merrickbank Goolwa	Shropshire	Wright H C Grenfell St. Adelaide	Suffolk
Sewage Farm Linton	Leicester		
	Dorset Horn	Yakur Pastoral Co Yakurri Station Narrung	Dorset Leicester
Shepherd R I Harrogate	Merino	Yenke Robert I Narrung	Merino

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College Roseworthy	(sh) Berkshire	Melrose Hon R T MLC Wangara Stud Mt Pleasant	(t) Berkshire
Agnew's Dept. of Kybybolite Experiment Farm	(st) Yorks (M W)	Newman W H Newlyn Park Hayleton	(t) Berkshire
Aldridge J W Bridge Park Adelaide	(st) Glos Old Spots		
Bruce W H Ltd Grote Street Adelaide	Tanworth	Platzner J A J Hampden	(t) Berkshire
Deno tator Farm Turf Rd Rosedale	Yorks (M W)	Squires J L Glenford M. Merton	Yorks (M W)
Fawcett L J Koonunga Kapunga	Berkshire	Symon O S Edgemoor Merton	Berkshire
Frazer J L Mount Barker	Berkshire		
Hill A T G. Bers de Tarlee	Berkshire	Thomas A F Box 1 P.O. Gawler	Berkshire
Kelly J & Son Aldersley Maitland Yorks Peninsula	(sh) Berkshire	Wade W R V Meadowlea Willunga	Yorks (M W)
Longbottom M R Bloxholm Adelaide	Berkshire	Webb F W Halbury	Berkshire
		Wickham & Candy Happy Valley Vineyard O'Halloran	Berkshire
			Hill

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College Roseworthy	(sh) Clydesdale	Lang E E Whyandra Georgetown	(t) Clydesdale
Angas Charles H Collingrove Angaston	(sh) Hailey	Long W E Stonedale Farm Stansbury	"
Barton J A Yatala Clare	Clydesdale	Loveridge Geo Mundoor	
Burton J A Yatala Clare		Lyall D A St Andrews Auburn	
Dawkins J H Patra W. W. Gawler	(s)		
Dawkins W J Newbold Gawler		Maitland A Renfrew Rochester	
		Maitland Jas Atama Hart	
Francis Jos & Sons F. New Stud Farm Maitland			
Greenslade S Urania		Pethick W J Aldinga	Pretoria
Greg S Urania		Place Dr E Evelyn 488 G.P.I. Adelaide	
Greg W D Koolunga			
Hentschke P D Cra glie Stud Farm Hart		Standley A J Fair View Stud Farm The Pinery	
Hill Bros Myrtle Bank Georgetown			
Kelly J & Son Aldersley Maitland Yorks Peninsula	(sh)	Stanley C F W Palm Villa Estate Loxton	Clydesdale
		Sullivan J A M. Maitland	Blood Clydesdale

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College, "Muresk"	Mernio	Dent, P. W., The Retreat, Boyup Brook	Mernio
Agriculture, Dept. of Perth	(c) Mernio	Drake Brockman, M., Beechborough, Northam	Dorset Horn
Agriculture, Dept. of Experimental Farm, Connaallee	Mernio	Edgar, John E., Hillcrest, Toodyay	Mernio
Agriculture, Dept. of Experimental Farm, Traragon	Mernio	Edgar, A. W. & Co., Strathalbyn, Gungah	(c) Leicester
Anderson, Cliff, Narragong, Katanning	Mernio	Edgar, List of A. W., Glenrose, New Norcia	Mernio
Anderson, Peter, "Reliefs Road," East Wickepin	Mernio	Elbery, C. H., Toodyay	Dorset Horn
Anderson, Ross, Ilwaco, Katanning	Mernio	Faulkner, F. L., Ora Cowie Wagon	Mernio
Anderson, Thos., Broomehill	Mernio	Ferguson, P. D., Warrenabbie, Moora	Mernio
Antonio Bros., "Loma Langi," Katanning	(A) Bord Leicester	Fewster, R. H., Woodatrup, Arthur River	Mernio
Atkins Bros., Ltd., via Yalroo	Mernio	Fidock, John H., Glen Innes, Woodlandville	Mernio
Atwell, Frank, "Woodlands, Toodyay	Mernio	Fisher, H. M. & Co., Albany, Beverley	Mernio
Baiker, N. T., Quairading	(c) Mernio	Forward, L. R., "Noggin," Gungah, Northam	(A) Dorset Horn
Bainstone, H. L., "Roseworthy," Moulmein	Mernio	Gaze, W. O., Yarrawee, Gnowangerup	Mernio
Ball, Alexander, Rylestone, Katanning	Mernio	Gooch Gordon G. Wandavey, Carnarvon	Mernio
Barrett Leonard, E., "E. D. D., Goodwin, Beverley	Mernio	Gould, S. E., Nabawah, via Geraldton	Mernio
Burrett Leonard, Frank, Seaton Road, Beverley	Mernio	Grant, Alex. E., Yergot, Gungah	Mernio
Burrett Leonard, John, "Munthoola," Williams	Mernio	Grant, D. E., "Moonyoonooka," via Geraldton	Leicester
Barron Rodway, H., Darkan	Mernio	Grange, A. W., Spring Park, Middle Swan, N. Midland	Bord Leicester
Baxter, R. L., "Goodwin," Dumbleyung	Mernio	Green, P. J., Landscape Hill, Pingelly	(c) Mernio
Bennett, R. G., "Goodwin," Dumbleyung	Mernio	Hall, E. A., Wooreland, Carnarvon	Mernio
Birt, A. T., Ellensfield, Tambellup	Mernio	Hampsterly Vernon & Son, Haseley, Toodyay	Mernio
Birt, Edward P. H., Arneen, Tambellup	Mernio	Hammond, J. D., Cuttington, Kellerberrin	(c) Mernio
Blechynden, F. & H., Box 18, Beverley	(c) Dorset Horn	Hancock H. W., "Northam"	Mernio
Blechynden, James, "Pinnepfield, Dumbleyung	Mernio	Hardie, Geo. I., Wallnar, Broomehill	Mernio
Blechynden, S. F., "Last Lynne," Beverley	Dorset Horn	Harde, T. A. & Son, Rosedale, Narragong	Mernio
Booldy, G. H., Pinnepfield, Dumbleyung	Mernio	Harper, P. H., "Kooran," Gungah	(c) Bord Leicester
Bookland, W. M., "Beechborough," Northam	Mernio	Harrison, Thos. H., Leighton, Bockshake	Mernio
Brown, J. W., Southbourne, Beverley	Mernio	Harvey, J. F., Ormelaide, Lake Grace	Mernio
Brown, A. A., Riverview, Wakan	Mernio	Hearman Douglas Jeffrey, Midday, Carnarvon	Mernio
Brown, J. A. A., Hillview, Arthur River	Mernio	Higham N. & W., Barramunning Station, Williams	Mernio
Brown, John, Boonville, Narragong	Mernio	Hooper, A. B., Northam	Dorset Horn
Bullock, A. F., Koonga, Connaallee	Mernio	Horwood, F. B., "Bridgegate," Darkan	Dorset Horn
Burges, G. L., Queringing, Meckering	Shropshire	House, Geo. E. H., Chibolton, Katanning	Mernio
Burges, R. L., Burges Siding	Southdown	Hull, James, Linda Vale, Darkan	Mernio
Burges, Mrs. M. C., "Tipperary," Burges Siding	Weyland	Johns W. & Son, Early, Narragong	Mernio
Burges, N. P., "Wooregong," Burges Siding	(c) Lincoln	Jones H. B., Hopevale, Dowerin	Mernio
Burges, R. L., Hunting Lodge, Box 14, Meckering	(c) Dorset Horn	Jones, J. R., "Geraldine," via Narragong	Bord Leicester
Burges W. G., "Tipperary," Burges Siding	(cph) Dorset Horn	Keamy Leslie, "Card," Watheron	Mernio
Burges, J. C., Irwin Park, Irwin	Shropshire	Kearl, R. H. T. & Sons, Karmoor, Berkshire Valley, Moora	Dorset Horn
Caw & Hubbe, Woodnup, Kojonup	Shropshire	Kerr, J. C., "Melburnup, Ferguson	Mernio
Caw & Hubbe, Ltd. of the late H. W., "The Range, Toodyay	Shropshire	Klein, P. V., Box 1, Toodyay	Bord Leicester
Clement Bros., Kartanara, Dargun	Bord Leicester	Knap, Frederick T., Northlands, Boyup Brook	Mernio
Cockram A. E., "Valley," Broome Hill	Mernio	Ladyman Joseph Woodlands, Katanning	(A) Mernio
Connor, Robert & Durack L., Behn Ord Wagon	Mernio	Law J. H. M., "Harrop," Serpentine	Bord Leicester
Cooke, Angus John, Stony Ridge, Grass Valley	Mernio	Leah, Bruce W., "Landed," Kellerberrin	Mernio
Cooke, H. F., Hagley, Taminin	Mernio	Leffroy A. L. B., "Hillview," Chittering	(c) Bord Leicester
Coker, Archibald, Boyup Brook	Mernio	Leiton, Est. of A. G., Springhill, Spencer's Brook	Mernio
Correll Joseph, Arthur River	Mernio	Loton, E. T., "Behor," Upper Swan	Lincoln
Crane Arthur James, Cartinbrook, Katanning	Mernio	McDougal, Arthur, "Minnis," Katanning	Katanning
Crane, Charles Frederick, Osklands, Woodanilme	Mernio	McKellar James Douglas, Clavelly, Beverley	Mernio
Crane W. G., Wrefordvale, Moolleberg	Mernio	McKenzie & Co., Ltd., Bovalline, Wagon	Mernio
Crowley, P. H., Children Woodnup	Mernio	McManus, E., Minahope, Northam	(c) Dorset Horn
Cunningham & Co., "Lundbering," Wabunga	Mernio	Malcolm D., "Serpent Stud," Wagon	Mernio
Dail S. C., Dalven, Quairading	Mernio	Mann, J. I., The Barracks, Beverley	(c) Mernio
Dalton L. C., Tooley Wickepin	Shropshire	Manning A. G., "Minnis," Benger	Dorset Horn
Dav, J. J., "Darewell," Wulkan	Mernio	Martin Jesse, Coaling, Williams	Mernio
Deerpeter J. C., Grass Valley	Mernio	Marwick Bros., Box 42, York	Mernio
Dutton L. C., Tooley Wickepin	Shropshire	Mear, A. J., Chellup, Gnowangerup	Mernio
Dav, J. J., "Darewell," Wulkan	Mernio	Meyer, G. F. C., Henty Farm, Bunbury	Mernio
Deerpeter J. C., Grass Valley	Mernio	Munro, A. J., "Dalek," York	Bord Leicester
Dutton L. C., Tooley Wickepin	Mernio	Marycett Albert, Rensell, Kooran, Bruce Rock	Mernio

Name and Address	Breed	Name and Address	Breed
Old Eld H J Myponra	Southdown	Shilabeer H H Liberton Oakbank	(r) Leicester
Op e Bros 23 Fr denck Street Unley	Dorset Horn	Starkey C H Hill View Sanderton	Merino
PFISTER, H E. Golden Ridge Woods de	Dorset Horn	Surling S J L Woodchester	Merino
Meffer T C & Son New Era Wood d	Dorset Horn	Sull van J J Bordertown	Southdown
Meffer J R Eureka Woodside	Dorset Horn		Southdown
Pilkington James Jamestown	Merino		Southdown
Ranks Bros Hindmarsh Island Goolwa	Dorset Horn	Synes H W C Woodstock Virginia	Southdown
Revel W A & Sons Ltd Pen la	Shropshire		Southdown
Ri arson W W Woodchester	Merino	Tehmann J H Georgetown	Merino
Reath G C Teron	Merino	Thon as A I Box 1 Cawler	Merino
R bison W C Noarlunga	Suffolk	Thomas L A Sm thfeld	Merino
Reed, Mrs F W Rivers de Gawler	Suffolk	Thomas H N Craigie Manooira	Shropshire
		Trengore San nel Spalding	Merino
		Turner George A Sm ths Bay Kangaroo Island	Merino
Sa rter G Jocelyn Port Noarlunga	Southdown		Merino
Sau rter G F W kham Park Ma Laren Flat	Southdown	Veit Theo Saddleworth	Merino
Sa rter H C The Gums McLar n Flat	Southdown		Shropshire
Saundland, K Ches er Noarlunga	Merino	Wi kham & Candy Happy Valley Vineyard O Halloran	Shropshire
Saunders P P S Amington A enue Marrat ville Ad	Merino		(r)
Saunders		Williams R J Mount Graham M J cent	Dorset Horn
Sawers Ross Haklane, A bbourne	Romney Marsh	W son R H Angus Pla ns	Merino
Sc in led, H B Trevala h bybo t	Dorset Horn	Wood Wm Wulldows Port P ne	Dorset Horn
Scott C D D Mernebank Gool a	Shropshire	Wright H C Crenfell St A la la de	(r) Suffolk
Sewage Farm, Islington	Le ester		
	Dorset Horn	Yalkuri Pastoral Co Yalkuri Station Narrung	Burd Leno
Shon erd, R I H Regate	Merino	Yn ne Rohl t Narrung	Merino

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College Roseworthy	Berkshire	Melrose Hon R T M L C Wangara Stud Mt Pleasant	(r) Berkshire
Agriculture Dept of A bybole Experiment Farm	Yorks (W W)	Newman W H Newlyn Park Hoyalton	(r) Berkshire
Azind, J W Bndre Park Angle Vae Gaw	Gos Old Spots		
Bru e W H Ltd Grote Street Ad laud	Tan north	H tner J A J Hampden	(r) Berkshire
Demon raton Farm Turrell d R woda	Yorks (W W)	Squ res J L Glenford Middleton	Yorks (W W)
Fawcett L J K nara Kapunda	Berkshire	Symon O S Edgell R erton	Berkshire
Frane J L Mount Barker	Berkshire	Thomas A F Box 1 P O Gawler	Berkshire
H H A T G lbers de Tartee	Berkshire	Wade W R V Meadwola W lunga	Yorks (W W)
Kelly J & Son Ald ryde Ma lland York s Pen n ula sh	Berkshire	Webb F W Halbury	Berkshire
Longbottom M B on Va R n	Berkshire	Wi kham & Can ly Happy Valley Vineyard O Halloran	Berkshire

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College Roseworthy	Clydesdale	Lang E F Whyandra Georgetown	(r) Clydesdale
Angas Charles H Collingrove Angaston	Ha kney	Long W E Stonedale Farm Stansbury	
Barton J A Ystafira Clare	Clydesdale	Loveridge Geo Mundoorra	
Burford Bros Wattle Grove Angle Vale		Ljall D A St Andrews Auburna	
Dawkins J H Parra W rra Gawler			
Dawkins W J Newbold Gawler R cr		Ma lland A Renfrew Rochester	
Franc s Jos & Sons P ne V ew Stud Farm Maitland		Ma lland Jas Anana Hart	
Greenslade S Urania			
Grigg S Urania		Pethick W J Aldinga	Percheron
Grigg W D Koolunga		Place Dr E Evelyn 488 G P I Adelaide	
Hentschle P B Cra glee Stud Farm Hart			
Hill Bros Myrt e Bank Georgetown		Standley A I Fair View Stud Farm The Pinery	(r) Clydesdale

Pig Breeders

Horse Breeders

Name and Address		Breed	Name and Address		Breed
Burgess W G	Tipperary Brest Siding	(csp)	Lawson R J D	Box 31 Beverley	Clydesdale
Carroll R & Sons	Box 3 J D York	(c)	Lethbray J	Druck Rock	Clydesdale
Clarke K J P	St Leonard's Guildford		Malley Wesley	Box 10010 Nr Moonee ng	Hackney
Coxes & Son	111 35 in Rabbit Proof Fence	Moulmein ng	Martin John	Agstatters ng via Downers	Clydesdale
via Dumbleyung			Maighan G B	Tynedale Walcoolan	Clydesdale
COLE O J	Brace Rock		Maighan S	Tynedale Walcoolan	Clydesdale
Tele	Lauchendale Farm nr e Rock		Niven T	Dalwallau	(csp)
Da	Crundale Farm nr Heberbrin		Isadbury A W	Koonan Midland Railway	Welsh Ponies
l	Attle Valley Wk hepin				Tan or Ponies
	Box 10 Downers		Roberts C J	Kayanaaba Dandarragan	Clydesdale
	Noggin Riverdale Northam	(s)	Smith I MacCallum	Hilse Creek St 1 d n n Cookernup	(csp)
			Wright ng T H	Mokine	(csp)
			Wills H & Co	Hawthurst Stud Farm Mackle & Crossing	(csp)
					(csp)

[illegible]

Name and Address	Breed	Name and Address	Breed
M r John Hilton Upper Blackwood	Romney Marsh	Scroope Mrs I sther Lew n House Irwin	M r no
	Dorset Hots	Smith Bros Marcondale Toot n Lake	M r no
		Sm th C & W Ferndale Beverl	M r no
Ward ck James F Harro n t Ballayn	M r no	Sn th J MacCallum Homebush Stud farm Cookern p (h)	Pon ny Mand
Murray Walla Wallace Glen Turret Borden	M r no	Swenden George Henneft Land e Toodyay	M r no
Newer Walla A Alton lark Kattann ng	M r no	Spark Thomas Redwing Coomalline	M r no
New Zealand & Australian Land Coy Ltd Tooraa	M r no	Spen r W G Calcutt ne Grass Valley	(f)
N b lson J & R W Hall Mount Kookab	Bord Le cester		
	M r no	S wart Hector & Son Solas Wa n	M r no
	Shropsh r	Stone A H & Sons Calcutt	M r no
Noad M C Jager Rocklands I n Rly	M r no	S w n Estate of J H Alzade Iogan nung	(f)
Norpin M M & H B Ron J West Dale Beverl	M r no	Sutherland George J Rosh J Ball Ball p Mt Kookab	M r no
O Connell J Desmond Duramulln	M r no	Talbot A I W dierburn St d farm Brunsw n June	Dorset Hots
O Halloran J S Corabella M ngerwa	M r no	Thackray R F Clewman Culham Toodyay	M r no
O Leary M P Moore p Cook n p	M r no	Thon pson Fra k S & Co Nardlab Broon e H l	M r no
O tthan F Monourer p Boro	M r no	Toil P l p f Jar n Wag n	M r no
Isabury A W Koojan Midland Kall n	(eph)	Tolton Trustees Estate f the late 131 St Leon e	M r no
		Terrace fath	
Palmer J B Len n a Crank ck	Romney Marsh	Trott Leroy Helena Stud farm Glen Forrest	Dorset Hots
Pateron Bros Creation I n Rly	Bord Le cester	Twine E E Mouru nne Tood ay	M r no
Peare & Hoy e Nard e Sta n n Mt Ma net	M r no	Walsh F R Fzgle n No tham	M r no
Pesce Arnold Ltd u d Langawera Fast Kattann ng	M r no	Walsh J T N n born	M r no
Pesce Bros C Au t f se Wagin	M r no	Warren J C D lab n Kattann ng	M r no
Pesce H A Braend e I lart Kattann ng	M r no	Warren R last ed o Burwood Grass Valley	M r no
Poljoy H C Boomang Du n lln	M r no	Wa s A J H & Sons Mart ch Down e Waeel	M r no
Prows Bros Walla n Dood ck	Dorset Horn	Wa r r Bros R endal Beverl	ko n n Marsh
Qua emain F B k n e u d Kattann	M r no	Wa H Merken	Shropsh r
Richardson F H d J	M r no	Wh t t Alk ed Arth r Brooklands Grass Valley	M r no
Richardson Thos t La well Broon e H l	M r no	Wh t n T H Mok ne	(p)
Ridgen G n Cuattara Area	M r no	Wh tson W J Ju r Watlie Flat Hermann v n	M r no
Rimbold H J & butt Va W lla n	M r no		
Ruschke th Bros Wood arrip Broon e H l	M r no	W h r Rock	
Ruschke th C F & Son t ar Kattann ng	M r no	W lla burk Ltd Camaroon	M r no
Rose E M Caclan nuda Dardan p	Bord Le cester	W l an so R B t n nua West Dale Beverl	M r no
Rose H H Grass Valley B relup	Romney Marsh	W l s H R Haakrooth Stud farm Mack e trossing	Dorset Hots
ROBINSON W H York	Dorset Horn	York	(h)
Saun r O n M e Park la belup		W l n n J t n n H l Northan	M r no
Sandell of Ind p f B relat M nra	M r no	W l n n J t n n H l Northan	M r no
San an l J a Wandana nora	M r no	Young R br t J D abling Nard n	Dorset Hots
			M r no

Pig Breeders

[illegible]

Horse Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
A			
Abbot W Fernvale Hill on		Brown e J 1 1/2 Ith Farm Junabee via Warwick	Ayrsh re
Abel W Ravenscroft Woolooga		Brice A J Rosemount Maleny	Illa M Sh thorn
Ada s G E. Enmund		Bull T C Oakview Kybong Brisbane Rd Cyn pie	Jersey
Adderley W J Mount Wols via Cyn pie		Burdell A S Nighthill St Wynnum Vale	Illa M Sh thorn
Affleck W J Grassmere North Pine		Burnett J F Rosethill Normanby East Harrisville	Jersey
Affleck W J Ayrthorne Culture St West End		Burnett W K Rathdowney via Beaudesert	Illa M Sh thorn
Agricultural High School & College of Queensland Gatton P		Burstell H B Cannagah Ayr	Ayrsh re
		Burton E L Magnolia Yand na	Jersey
		Burton F G Wynnum Vandina	Jersey
		Burton & Sons Oxford Warney	Jersey
		Burton W C Valley Curr Woodh ll Beaudesert	(P) Friesian
		Buss G A Sea Park Bindalberg	Jersey
		C	
Abern D Alredale Ayr		Cahill D K Leachester Beerwah	Illa M Sh thorn
Alcock S R Newland Woodro		Cameron C R Kildrum Mackay	Illa M Sh thorn
Alexander L Willowby Chur Point Inn. fail		Cameron D H Bundlla Wynnum Vale	Illa M Sh thorn
Alexander R S Burnbrae Woolooga		Canpbell A G Clifton Wangelong	Illa M Sh thorn
Allen A Chatsworth Gympie		Canpbell R 1 Acham Park Iccaron on Cairns	Illa M Sh thorn
Anderson Bros Farview Southbrook		Carr D Carlyle Indooroopilly	Jersey
Anderson F E Curtin Ben Creek		Carr W Oak Lawn Toowoomb	Jersey
Andread J Melrose Ian Mogill		Carter A B Glenagee Beaudesert Line	Ayrsh re
Aplin A H Funara Maleny		Caswell A J Dnalown Wangelong	Illa M Sh thorn
Archer Bros Ltd Gracevale Rockha ptou		Caswell W Coburn Wangelong	Illa M Sh thorn
		Chaille E Culgoa Esk	Illa M Sh thorn
		Chalmers K L Derra Mundubbera	Illa M Sh thorn
		Chandler J T Cobba Da Mana	Illa M Sh thorn
		Chapman J Montello Coom Lowood	Jersey
		Chaseling C E J Brundah Coolabunia	Illa M Sh thorn
		Chid H Trentham Gooling St Toowoomb Brisbane	Ayrsh re
		Chid H Pine Park Nemadji	Illa M Sh thorn
		Cientes J A O M Illa	Illa M Sh thorn
		Ch shon John M Wantalanga Winton	Aberdeen Angus
		Church G A V Bolsover Street Rockhampton	Illa M Sh thorn
		Clapperton T A Tatong Nanango	Hereford
		Cure Mrs L & Son Elmore Kungaray	Jersey
		CLARK P Deep Creek Gympie	Jersey
		Clark George C East Tulla Ellen thorpe	(S) Aberdeen Angus
		Clark G G Dayboro	Illa M Sh thorn
		Clark H Rock view Maleny	Jersey
		Clark W Maleny via Landsborough	Illa M Sh thorn
		Clarke J J Deverell El Mibong	Illa M Sh thorn
		Clarson A D D Tullongie Vangan	Illa M Sh thorn
		Clay J A San sonvale	Illa M Sh thorn
		Clay R E Samsonvale	Illa M Sh thorn
		Coates H J Barn unda B V Lse	Jersey
		Coates J T Harveston Rockhampton	Jersey
		Coates L Carlton Hotel Rockhampton	Illa M Sh thorn
		Cochrane H Taulvie n n kin	Jersey
		Cochrane W L Partina Cairns	Jersey
		Cockley J Fern vey Maleny	Jersey
		Cochran F H Franpton Radford	Illa M Sh thorn
		Cole J C Widgey Cyn pie	Illa M Sh thorn
		Coleman H J Jersey Park Goombung e	Jersey
		Coleman T J Cairnsroct Woolooga	Illa M Sh thorn
		Coln F Murray Mount Watson Blackall	Shorthorn
		Collins Mrs A C Tamrookum Beaudesert	Illa M Sh thorn
		Collins Mrs C M Woolooga House Beaudesert	Jersey
		Collins J Calton T new ra	Jersey
		Coln J J Lunnell Albion	Jersey
		Colpaunt G F H Blend Wondat	Illa M Sh thorn
		Connolly Dr G E Wilton St Wilton Park Well amp (P)	Jersey
		Connor A C Coorner via n n gary	Illa M Sh thorn
		Conner W S Brooklands via APC P O Brisbane	Jersey
		Cooh n Fistes Co (B M Bell Maleny) Cooh n	Hereford
		Cooh n Cooh n	
		Cook A J Springbrook Lunenburg	Illa M Sh thorn
		Cook A C Springbrook Maleny	Illa M Sh thorn
		Cook A S Linnwood Maleny	Jersey
		Cook Rm C Oak View Maleny	(P) Illa M Sh thorn
		Cook F B Vermont Road	Hereford
		Cookrose J Springbrook, 5th Brisbane	Illa M Sh thorn
		Cooter Broe Wangel Gympie	Illa M Sh thorn
		Cotton A J Grand hester	Jersey
		Cotton C J Banknew Boundary St, Ipswich	Jersey
		Cox A J Chinner	Jersey
		Cox A J & Co P Glenardie Witta Malny	Jersey
		Cox L G R Wetalah Batters Street Gympie	Jersey
		Craig B W Ardenah Woodstock Townsville	Illa M Sh thorn
		Craib J W Stirling Woodstock Townsville	Illa M Sh thorn
		Crown H B Woodstock North Sale Market	Illa M Sh thorn
		Currant W B De Juvon Gungah	Illa M Sh thorn
		Curtin F C McAlister Merald	Jersey

Name and Address	Breed	Name and Address	Breed
Mu John Hilton Upper Blackwood	Rou ne Marsh Dorset Horn Shropshire	Scroope Mrs I sther Irwin Horse Irwin	Memo
Murlock James F Harcourt Ballajin	Memo	Simm Bros Maroonahla Tevelley Lake	Memo
Murray William Wallace Glen Turret Borden	Memo	Smith C & W Ferndale Beverley	Memo
Newbey William A Alton Park Batanning	Memo	South J MacCallum Honchush St I Farm Cookernup (a)	Rou ne Marsh
New Zealand & Australian Land Coy Ltd Toofra	Memo	Sowden George Bennett Yandee Foodlyav	Memo
Nicholson J & R W Hally Mount Kokeby	Memo	Spark Thomas & Redwing Goomalling	Memo
		Spencer W G, Calcamine Grass Valley	(f) Exeter
		Stewart Hector & Son Solai Wagin	Memo
Noack M C Juar Rocklands Invalley	Bord Leicester	Stone A H Yulering Calamit	Memo
Norman M M & H B I idley West Dale Beverley	Shropshire	Stowe Estate of J H Aladale Popanyinning (f)	Memo
O Connell J Desond D raly	Memo	Sutherland George J Rosehill (Bally Ball) Mt Kokeby	Memo
O Hallor J S Corabella Blinnew	Memo	Talbot A J Wellertum Stud Farm Brunswick J n	Dorset Horn
O Lear M P Moorup Cookernup	Memo	Thackray R G Glenrowan Culham Foodlyav	Memo
O Vielan I Mourourup Borden	Memo	Thompson Frank S & Co Nardall Broome Hill	Memo
Patbury A W Koojar Midland Railway	(cph) Memo	Toll Philip J Jal ran Wagin	Memo
		Toton Trustees of I state of the late 131 St George's	Memo
Palmer J B Len art Cratbrook	Bord Leicester	Trotter Percy Helena St I Farm Glen Forrest	Dorset Horn
Patterson Bros Creation Injarray	Rou ne Marsh	Twine E E, Mourne Bay Foodlyav	Memo
Pearce & Bogle Nardall Station Mt Macart	Bord Leicester	Walsh I R Fgolie Northam	Memo
Pies Arnold Ltd rd Larawarra East Batanning	Memo	Ward H T Nambur	Memo
Piesse Bros G Aust I cas Wagin	Memo	Warren J C Dylabin, Katanning	Memo
Piesse H V Braes le St I Farm Batanning	Memo	Warroola Pastoral Co Brooklands Grass Valley	Memo
Pohjy H C Boonning Durand	Memo	Watts A J H & Sons Mayfield Downs Waeol	Memo
Pronse Bros Wall t D Baki	(p) Memo	Waver Bros Riverdale Beverley	Rou ne Marsh
Quarternane I B I idley Batanning	Dorset Horn	Weston H G Merkeru	Memo
Richardson I H Guder	Memo	Whittaker Alfred Arth r Brooklands Grass Valley	(cph) Memo
Richardson Tios J Larawell Broome Hill	Memo	Wilding, T H Mokine	Memo
Riley Eric M Quarra arla Moor	Memo	Wilkinson W I Junr Wattle Flat Kumaman Via	Memo
Rintoul H J Arb in Vale Willams	Memo		
Rischbeth Bros Woodrupp Brookle Hill	(c) Memo	Bruce Rock	Memo
Rischbeth C F & Son Carro J atanning	Memo	Williamson H B Carnarvon	Memo
Rose E M Carat in Durand	(c) Memo	Williamson W B Umina West Dale Beverley	Jarret Horn
Ross H H Grass Vale Bork p	(cph) Memo	Wills H & Co Hawkhurst Stud I Farm Mackie's Cross ne	Memo
ROBINSON W H York	Dorset Horn	York	Memo
Sagers, E M St Jark I idley	Memo	Withnell J G Iron Hill Northam	Memo
San Lard I idley Burrallu Vora	(c) Memo	Warradene Nalburra Pastoral Co Ltd Strawberry	Dorset Horn
San la I idley Wanden M r	Memo	Young Robert J D nabing Nardoin	Memo

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agriculture Nardoin School of Nardoin	(c) Berkshire	Padbury A W Koojar Midland Railway	(cph) Berkshire
Asbury I W Iden Stud I rly Welshpool	Berkshire	Padbury W Garden Hill Guildford	(c) Berkshire
Bantock D T Hav Street Suba o	Tan worth	Padthorpe V D Aberbechan Koojar p	Berkshire
Barton W & Son Dartnall Stud Tanbellup	Ta worth	Pearce T H Warratall Benara Rd Bayswater	(s) Berkshire
Burges W C Ipp rary, Bures Saling	(cph) Berkshire	Prosser Bros Doodlakine	Berkshire
Bushell J C Trelisney Wather	Berkshire	Roberts C J Kavanala Dandarragan	(s) Berkshire
Clarke R J P St Leonard's Box 42 Brook Rock	(c) Berkshire	Rolinson J W Hlton Hill I ren antle	(s) Tan worth
Combs C F Brookvale Jardee	(c) Berkshire	Rose R H Grass Vale Burrek p	(s) Berkshire
Denmark State Farm Denmark	(c) Berkshire	Sanatorium Farm Woolooloo	(s) Berkshire
Dennis Alex Mint Street V l for a Lark	Ta worth	Spencer W G Calamit Grass Valley	(s) Berkshire
Evans W L Yalkin Den Mokine	Tan worth	Stone Estate of J H Aladale Popanyinning	Berkshire
Fernald & McLarty Ma da Vale	Berkshire	Stuart Frank Wharfedale Guildford	Tan worth
George & Beeton Octavia Creenalls	(s) Old Spots	Taylor H C Ledbury Woolooloo	(c) Berkshire
Gillan Henry Caversham I idford	Ta worth	Telfer B D Coletta Guildford	(c) Berkshire
Grun p t H Woodlawn Manginup	York (M W)	Walker V Co Juad ne Spencer's Brook	(c) Berkshire
Hampton Bros Warwick Lark Moor	Berkshire	Ward J En to W Ulloott Grass Valley	York (M W)
Hick G G Manor I anzan & Street Bassenlean	Berkshire	Western Australia Trustees Co Ltd St rughill Sydenes	Berkshire
J nee J Worrolong Bures Sid ne	Berkshire	Woolooloo Sanatorium Farm Woolooloo	(cph) Berkshire
Jefrey C Iefroy New York Nardoin	(c) Berkshire		
Mann J I Tle Barra ne Berky	(s) Berkshire	Wild ne T H Mokine	(cph) Berkshire
Maxon E D Dal eny Dalwallin	Berkshire	Woolooloo Sanatorium Farm Woolooloo	(cph) Berkshire

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Burges W G Tipperary Bures Saling	(cph) Clydesdale	Iawson R J D Box 21 Beverley	Clydesdale
Carroll R & Sons Box 4 P O York	(c) Clydesdale	Leithorpe J Bruce Rock	Clydesdale
Clarke R J P St Leonard's C uford I	Clydesdale	Maley Wesley Houson ne Nr Mooshe ng	Clydesdale
Coates & Son 111 V le Rabbit Fence Moulshinn ng	Clydesdale	Martin John Vignatall ne Via Doweru	Clydesdale
via Dumbleyung		Maughan G B Tyndedale Waleolana	Clydesdale
COLE O J Bruce Rock	Clydesdale	Maughan S Tyndedale Waleolana	Clydesdale
David Evan Fernald Farm holl rthern	Clydesdale	Newton T Dalwallin	Clydesdale
Deary E A Wattle Valley Waleolana	Clydesdale	Padbury A W Koojar Midland Railway	Clydesdale
Farhat I J Box 3, I O Dewerin	Clydesdale		
Forward I & R Non Riverside Northam	(c) Clydesdale	Roberts C J Kavanala Dandarragan	(cph) Clydesdale
Gerling W W Kenton	Clydesdale	Smith J MacCallum Honchush St I Farm Cookernup (cph)	Clydesdale
Hare J J Box 4 Kenton	Clydesdale	Wild ne T H Mokine	(cph) Clydesdale
Jones Allan I a I idley Dwerin	Clydesdale	Wills H & Co Hawkhurst St I Farm Mackie's Cross ne	(cph) Clydesdale
Kay John H Iombe Blandee	Clydesdale	York	

[illegible]

Name and Address	Breed	Name and Address	Breed
Mr John Milton Upper Blackwood	Roansey Marsh Dorset Horn	Scroope Mrs J Silver Irwin House Irwin Sunn Bros Marondah Tealing Lake	Mennos Mennos
Murdock James F Harcourt Ballajura	Shropshire	Smith C & M Ferndale Beverley	Mennos
Murray William Wallace Glen Turret Borden	Mer no	Smith J MacCallum Homebush Stud Farm Cookernup (p)	Ronney Marsh
Newbey William A Alton Park Katanning	Mennos	Sowden George Bennett Andee Toodyay	Mennos
New Zealand & Australian Land Co Ltd Toora	Mennos	Sparks Thomas Redwing Goomallala	Mennos
Nicholson J & R W Haily Mount Kokeby	Mennos	Spencer W G Calcamine Grass Valley	(p) Mennos
	Bord Leicester		Leicester
	Mer no	Stewart Hector & Son Solar Wagon	Mennos
Noack M C Junr Rocklands Westly	Shropshire	Stone A B Vulturey Alington	Mennos
Norman M J & H B Ronby West Dale Beverley	Mer no	Sweeney Estate of J H Aladale Ippanyinning (p)	Mennos
O'Connell J Desmond Duran Hill	Mennos	Sutherland George J Rosethill (Bally Ball) Mt Kokeby	Mennos
O'Halloran J S Corabella Wingen	Mer no	Talbot A J Wedburn Stud Farm Brunswick Hill	Dorset Horn
O'Leary M J Moorby Cookernup	Mennos	Thackray R F Inverness Culban Toodyay	Mennos
O'Meara F Moorcorrup Borden	Mer no	Thompson Frank S & Co Nardiah Broome Hill	Mennos
Isabury A W Koojan Midland Railway	(p) Mennos	Toll Ph H P Jol van Wagon	Mennos
	Bord Leicester	Toton Trustees of Estate of the late 131 St George's Terrace Perth	Mennos
Palmer J B Lenias Cranbrook	Ronney Marsh	Trott Percy Helena Stud Farms Glen Forrest	Dorset Horn
Patterson Bros Creation Pinjarra	Bord Leicester	Twine F E Mourumbie Toodyay	Mennos
Pearse & Bogie Narndee Station Mt Magnet	Mennos	Walt F R Frode Northam	Mennos
Pearse Arnold J & Co Lankawarra East Katanning	Mennos	Ward H T Nanbess	Mennos
Pearse Bros G A 12 Lesse Wagon	Mer no	Warner J C Dylabin Katanning	Mennos
Piesse H V Braes de St d Farn Katanning	Mer no	Warroa J Astoral Co Brooklands Grass Valley	Mennos
Polyey H C Boonning Duran Hill	Mennos	Watts A J H & Sons Mayfield Downs Waele	Mennos
Prowse Bros Wallatin Doodlakine	(p) Dorset Horn	Weaver Bros Riverside Beverley	Ronney Marsh
Quartern A & B Glenlow Katanning	Mennos	Weston H C Merkeruy	Shropshire
Richardson E H C	Mennos	Whitaker Alfred Alfred Brooklands Grass Valley	(p) Mennos
Richardson Thos J Latgwell Broome Hill	Mennos	Wild W T H Mokine	Mennos
River Eric M Quarra Moora	Mennos	Wilkinson W J Junr Wattle Flat Kumanan	Mennos
Rint ul H J Albert Vale William	Mennos		Brook Rock
Rischbeth Bros Woodrup Brook & Hill	(c) Mennos	Williambury Ltd Carnarvon	Mennos
Rischbeth C F & Son Carro Katanning	Mennos	Williamson R B Lina West Dale Beverley	Mennos
Rose E F Carla mda Darlap	(p) Bo d Leicester	Wills H & Co Hawkhurst Stud Farm Markie's Crossing	(ch) Dorset Horn
Rose R H Grass Vale Burekup	(p) Ronney Marsh		
ROBERTSON W York	Dorset Horn	Withnell J G Iron Hill Northam	Mer no
Saegers Over Mt St Mark Tanbellup	Mennos	Yarragadee Nurthura Astoral Co Ltd Strawberry	Mennos
Sanlan 1 H P G Brrabing Moora	(c) Mennos	Young Robert J Deabling Nattogin	Dorset Horn
Sanlan 1 T as Wandera Moora	Mennos		Mennos

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agriulture Narrow's School of Narrow	(c) Berkshire	Isabury A W Koojan Midland Railway	(p) Berkshire
Alby 1 W Eden Stud Farm Welshpool	Berkshire	Palbury W Garden Hill Guildford	(c) Berkshire
Bantock D T Hay Street Sub a o	Tamworth	Parthorpe 1 D Aberbach Aoyon p	(c) Gles Old Spots
Barton W & Son Dartnall Stud Tambellup	Tamworth	Peace T H Warratah Benara Rd Bayswater	(c) Berkshire
Burton W C Tipperary Bures Sidng	(p) Berkshire	1 rowse Bros Doodlakine	(c) Berkshire
Bushell J C Treloarney Warburton	(p) Berkshire	Roberts C J Ka anala Dandarragan	Berkshire
Clarke R J 1 St Leonard's W x 12 Bruce Rock	(c) Berkshire	Robinson J W Hatten Hill Fremantle	Berkshire
Coib G F Brookvale Jarde	(c) Berkshire	Rose R H Grass Vale Burekup	(c) Berkshire
Denmark State Farm Denmark	Leikert	Sanatorium Farm Woolooloo	(c) Berkshire
Dewar Alex Mint Street Victoria Park	Berkshire	Spencer W C Calcamine Grass Valley	(c) Berkshire
Evans W L Yalpari Doodlakine	Tamworth	Stope Estate of J H Aladale Ippanyinning	(p) Berkshire
Favall & McLarty Wattle Doodlakine	Tamworth	Stuart Frank Warrille G Iford	Berkshire
Grege & Beeston Octavia Greenhills	Clos Old Spots	Taylor H C Ledlury Woolooloo	Tamworth
Ham Henry Caversham Cullford	Tamworth	Teller B D Godela a Cullford	(c) Berkshire
Crump J H Woodland Munjup	York (M W)	Walker & Co Joad ne Speccers Brook	(c) Berkshire
Hall 1 Hiron Warwick Park Moora	Berkshire	Ward J Frie o W Llycott Courtan	York (M W)
	Berkshire	Western Australia Trustees Co Ltd Springhill Wagon	Berkshire
Hewitt G Manot Fenzen & Street Bussenden	Berkshire		Brook
Jones & Wootton Burg's Sidng	Berkshire	Wick P I H Mokine	(c) Berkshire
Leffers & Leffers Newry Lark Nanban	(c) Berkshire	Woolooloo Sanatorium Farm Woolooloo	Clos Old Spots
Mahy J J T D Barra Mt Beverley	(c) Berkshire		
Max 1 Hiron Warwick Park Moora	(c) Berkshire		

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Burgess W C Tipperary Burgess Stong	(c) Clydesdale	Lawson R J D Box St Beverley	Clydesdale
Carroll R & Sons Box 3 P O York	(c) Clydesdale	Leithman J Bruce Rock	Clydesdale
Clarke R J F St Leonard's Cullford	Clydesdale	Malen Wesley Houson & Co Moorbeach	Ha Aney
Coates & Son 111 M Kablet Broad Fence Moulyinning	Clydesdale	Martin John Gannett a via Dowerin	Clydesdale
via Dumblyning		Maughan C B Tyndale Walgoolan	Clydesdale
COLE O J Bruce Rock	Clydesdale	Maxham S Tyndale Walgoolan	Clydesdale
Cole R J East Bendale Farm Bruce Rock	Clydesdale	Nixon T Dalwall no	(c) Welsh Ponies
Cox 1 J East Bendale Farm Koolberrin	Clydesdale	Padbury A W Koojan Midland Railway	Wish & Poon
Deare 1 A Wattle Valley Wokepin	Clydesdale		
Edwards J J Box 3 J D Dowerin	Clydesdale		
Evans 1 A R New O R Riebert Statham	(c) Clydesdale	Roberts C J Ka anala Dandarragan	(c) Clydesdale
Evans 1 J	Clydesdale	Smith J MacCallum & Co Cookernup (p)	(c) Clydesdale
Evans 1 J	Clydesdale	Wild W T H Mokine	(c) Clydesdale
Evans 1 J	Clydesdale	Wills H & Co Hawkhurst Stud Farm Markie's Crossing	(c) Clydesdale
Evans 1 J	Clydesdale		

Name and Address	Breed	Name and Address	Breed
Kay T Rosemont The Gap Enoggera	Jersey	Matthew Bros Sunnyvale Pineclands Crow's Nest	Jersey
Keaveney W. Arncliffe Kerry via Beaudesert	Jersey	Maynard M. F. Ravenshoe	Jersey
Kent Allan Drem Toowooolah	Jersey	Mear S O Blackall Range Maleny	(p) Jersey
Kent h A F Glenvale Tara	Jersey	Mear S Modern Woogoolah	Jersey
Kerr J B Watervall Kilcoy	Jersey	Meddleton R Manungy Kincaid's Line	Jersey
Kerr W. Dewar Creek Gympie	Jersey	Merker C Salt Bush Park Tara	Jersey
Kerr W M Rhonda Thorn Street Ipswich	Jersey	Mitchell S Rosenthal Warwick	Jersey
Kerr Cowan Sunnyvale Wondai	Jersey	Mitchell J A Homefield Mackay	(p) Jersey
keys E J Kestione Preston	(p) Jersey	Middleton W Bri Bri Cambooya	Jersey
Kibble W W Woodstock Tambourine	Jersey	Miler C S Erdale Gatton	Jersey
Kilroe J C o Finney Isle & Co Ltd Brisbane	Jersey	Miler W Gdale Bowenville	Jersey
King A A Kingsdale Mooloolah	Jersey	Mitchell S B Fairfax Warwick	Jersey
Kinnear H Malanda	Jersey	Mitchell S Rosenthal Warwick	Jersey
Kirk H W A Creech A daman Ck Nan hour	Jersey	Moffitt C J A Glenardie Maleny	Jersey
Kiswick F W Moola Broadwater Nanango	Jersey	Montgomery J A Weston La dley	Jersey
Kittle W H Fernie Glenaele	Ayrshire	Moodie R Fuzzle North Pine	(p) Jersey
Knight W Jnr Beulah Peachey	Jersey	Moore L S Summerville Woodrobin	Jersey
Knowles G H Awa Glen, Nanango	Jersey	MORGAN GODFREY Arubal, Condamine	Jersey
Knowles, J E Willow Glen Nanango	Ayrshire	Morris W Mount View Dunbulla hain	Jersey
Koppen A F O Peermoon via Cairns	Jersey	Morrow Bros. Melawood via Gympie	Jersey
Korner A Roadvale	Jersey	Mort H C Franklin Vale Grandchester	Jersey
Kraatz C A Ingewood Etna Creek	Jersey	Mov A H Nienbach N. C. Line	Jersey
Kraatz W H. Fernvale Etna Creek	Jersey	Muller A G Summerville Pastern Valley via Kalbar	(h) Jersey
Krause W M Brooklin Terrace Lanel eld	Jersey	Muller G E Mannan Mackay	Jersey
Kretschmer C Chatsworth Gympie	Jersey	Muller T Norwood Chelmer	Jersey
Kruger J J P. Gumburgh Goombungee	Jersey	Murphy A W Aldermere Jersey Stud Mount Larcom	Jersey
Kuhn H E. Mt Pleasant, Dabobero	Jersey	Murphy Bros Clougan Tingooa	Jersey
L		N	
Lancford W S & F G Coplay Eton Mackay	Jersey	Neil H F Brassall Ipswich	Jersey
Larson N J Mountain View Miriam Vale	Jersey	Nellie A Anglo Swiss Milk Co Australasia Ltd Cressbrook	Friesian
Larson S J J Miriam Vale	Jersey	Toogoolawah	Jersey
Lawless J D Wintley Goonien	Jersey	Newman G St. Athan Wyreema	Friesian
Lawley E P. Andra Maleny	Jersey	Newman J A New Kalamia Box 19 Brandon	Jersey
Lawley E W Green Hills Maleny	Jersey	Newman M Caboolcha Caboolcha	Jersey
Lawrence M City View Bundamba	Jersey	Newman C Glenelch Square Top Bell Line	Jersey
Leabeanet C North Farm Goombungee	Ayrshire	Newton H Bowden Square Top Bell Line	Jersey
Lee Leslie Brookleigh Brookstead	Friesian	Newton J W Doctor's Creek Haden	Jersey
Leeds, Arthur (Senr) Monahy Wyndra	Shorthorn	Nicholls L R Stedleigh Carpedale Herdion	Ayrshire
Leedsfield Bros. Quarles Woodford Rockhampton	Jersey	Norquard G Holm Park Nara	Ayrshire
Lehmann W. Nana Glen Traveston	Jersey	Norman Mrs J. Avoia Bundamba	Jersey
Lester M Mountain Home Laidley	Jersey	Norwood T C Raddon Vale Preston	Jersey
Lester S J. Roadvale Kuller La dley Creek	Jersey	Nunan A W Luxue Wondai	Jersey
Lew S Mrs J J. Calista Tara	Jersey	Nystrom J A Booe Boe e	Jersey
Lindemayer G D B'njour Gavndah	Jersey		
Lindemayer H F Europa B'njour Plat. Gavndah	Jersey	O'Brien B E. Woodford	Jersey
Lindley J Coreall Springs, Wovan	Jersey	O'Connor Mrs A Brookvale Bowenville	Jersey
Lindsay Mrs. A W Mount Alfred via Boonah	Jersey	O'Connor B Oakvale Colinton	Jersey
Laster F J. Dairymead Pomona	Friesian	O'Connor J J. Sunnyside Camp Crow's Nest	Jersey
Littleton J H Balcarres, Pineclands Crows Nest	Jersey	Oertel C A Kalpa via Rockhampton	Jersey
Livinstone J Coral Brae Kungahro	Jersey	Oxden F J Limestone Street Ipswich	Jersey
Lloyd Bros Glen Aysen Kularia via Toila	Jersey	Olsen Mrs L Mountview Tuckeroo	Jersey
Lobregger F W Moorang, Pinevale	Jersey	Olsen P A Oakvale Tuckeroo via Cooran	Jersey
Loff C Braufort Park Condamine	Jersey	O'Meara T G Roseton Humphreys	Jersey
Lomas Arthur K. Vaud la Darling Downs	Jersey	O'Sha I J Middenbury Toowoong	Jersey
Lord E. F. & Sons Eskdale via Esk	(h) Herford		
Luck H E Bal lutha Cambooya	Ayrshire		
M		P	
McCarthy G J Tonila Maleny	Jersey	Palf H Silvester Dalby	Jersey
McConnell A J Toondan Boonah	Jersey	Pascoe V L Helston Marburg via Walloon	Jersey
McConnell Edgar C Cressbrook Toowooolah	Friesian	Paten J H Gwandallam Wand na	Ayrshire
McCook R Fernbank Roma Street Brisbane	Jersey	Paten L J. Joyndal Calvert	Ayrshire
McCraw & Collis A. Kowen Lodge Atherton	Jersey	Patterson May Trigg Doolaballa Bundoola	Friesian
McDonald D D. Maree Peachey via Beerwah	Jersey	Payne A C Springvale Chatsworth Gympie	Jersey
McDonald, H R Wallalabada	Herford	Pearce F Oakvale Oakley Creek Emundi	Friesian
McDonald J M. Holly Mt Skerrett Creek Poi vana	Jersey	Pedersen G J Glen Alvie Woodrobin	Jersey
McDonald R Box 193 Ayr	Jersey	Penal E. M. Moolah	Ayrshire
McDougall D. Sherwood Brisbane	Jersey	Perrett R E. Corralda Coolabamba	Jersey
McIntyre P. Forest Hill E. Purra	Jersey	Petersen H A. Duncroft, Kolan R ver South	Jersey
Macfarlane A C Kilmorie Radfeld	Jersey	Petherick T A Treacres Lockyer	Jersey
Macfarlane Bros. Kilmorie Radfeld	Jersey	Peterson J J. Thimoon da	Jersey
McC on R C A Mackay	Jersey	Phillips J J. Sunnyside Wondai	Jersey
McCulloch Bros. Kilmorie I hain	Jersey	Pickels A Blacklands, Wonda	(p) Jersey
McHardie C Raylands, Ma kav	Jersey	Pinnell E L. Cooroora Middle Creek Pomona	Jersey
McIntyre Bros. Oak Vale Beaudesert	Jersey	Pitt W J. Junj Springfield, Chidlers	Jersey
McIntyre D. Warrumbungle Toowooolah	Jersey	Pledger & Dodd, Broadwater Nanango	Jersey
McKay F J H New Wondai	Jersey	Peston, A. K. Coor	Jersey
McKay J Palmvale Walkerton Mackay	Jersey	Pollard C. Robinson Rockhampton North	Jersey
McKevay M H Park Bell	Jersey	Portas A. Sunnyvale New Veteran Road Gympie	Jersey
McLaughlin J P. Fairview Harris Je	Jersey	Porter C Milton, Maleny	Jersey
McLaughlin M R. Mayview Braccwell	Jersey	Porter F Westwood, Maleny	Jersey
McLaughlin M R. Halloween Mount Larcom	Jersey	Porter T L. Laidla Maleny	Jersey
McLaughlin W B Mount Pleasant Harris Je	Jersey	POWALL, E. Brockwell, Ballyna, E. V. Line	Jersey
McLennan C J Walkerton Mackay	Jersey	Pratt, W. W. Werra Sandie Creek, Kibber	Jersey
McLure A. Junj. Parrikla, Wonda	Jersey	Prichard R J Oakley Future Market, Indoonipolly	Jersey
McLure W B. Brookham South	Jersey	Price D C Calvalta, Toowooolah	Jersey
Mallon J J. The Rock Cambar	Jersey		
Ma re J. Irving Street, Hamilton	Jersey		
Mann & Co. Laidley, Kungahro Pittsworth	Jersey		
Mann J C. Crescent Farm, Arubala	Ayrshire		
Markew. A. C. Arubala Beaudesert	Jersey		
Marriott T. C. Ouseley Speedwell, Wondai	Friesian		
Martin C. A. Hutton, Coalston Lakes, Boggindra	Jersey		

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Australian Mercantile Land & Finance Co Ltd Retiro Station Capella	Merino	New Zealand & Australian Land Coy Ltd Wellshot	Merino
Clark Geo. C., East Talgai Ellinthorpe	Merino	Hiracoon	Merino
Croxley Estates Croxley Ellinthorpe	Corriedale	Rae Alex Kjawanna Bungunya	Merino
Eurella Pastoral Co., Eurella via Roma	Merino	Stirton & Co Minnie Downs Tambo	Merino
Fairfax J H, Mannya Cambooya	Corriedale	Strattham Pastoral Coy Ltd Longreach	Merino
Leonard W & Sons Welltown Goondawindi	Merino	Treeweke F L Culbokie Nondoo Sidung	(c) Merino
Livingston Bros. B ulawrie	Merino	Treeweke & Son Umbertollie Goondawindi	(f) Merino
Lord Robt I Victoria Downs Morven	Merino	Young Charles D Glengower Bun, nja	Merino
		Zeske I Mukadilla	Merino

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural High School & College of Queensland Gatton (c)	Berkshire	MacFarlane A G Kilbirnie Radford	(c) Berkshire
Ashford J Ashley Stud Curra via Gympie	Tamworth	Mallon J J The Brook Cunnamurra	(c) Berkshire
Bishop J E O, Kiamba Stud Kiamba	Poland China	Near S O Maleny	(c) Tamworth
Brown Bros Mootoombin Stud Toowoomba	Berkshire		Berkshire
Burton & Sons Oxford Wanora	York (M W)	Middleton Wm Bri Bri, Cambooya	(c) 1 Poland China
Campbell P V Lawnhill Stud Lannington via Beau desert	Duroc Jersey	Moffitt Chris J A Maleny	Gloss Old Spots
Colborn I H Warri View Radford	Duroc Jersey	Moore Paul Sunnyside Wooroolin	Berkshire
Connolly Dr F G Wilton Stud Wilton Park Wellcamp	Berkshire	Mort A Edward Cardross Franklin Vale Grandchester	Duroc Jersey
Cooke A S Linwood Maleny	Poland China	Naylor J c/o Howard Motor Co. Adelaide Street Brisbane	Tamworth
Cordwell W Kureelpa via Nanbour	Poland China	NAYLOR, JOHN, View Farm, Cambooya	Duroc Jersey
Davey J C Abbeystead Stud Gatton	Berkshire	Newton H G Bunera Dawson Valley Lane	
Davidson George Fairhill North Arm	Large Black	O Sullivan Con Navillus Ascot Factory via Greenmount	Duroc Jersey
Delroy L L Cloyna Rd Murgon	Duroc Jersey	Tickle A, Blacklands Wondai	(c) Duroc Jersey
Falt P P Ryfield Tingora	Berkshire	Porter M Roselock Stud Wondai	Berkshire
Farley S A Mondure Murgon Preston Line	Tamworth	Porter M & Sons Wondai	Berkshire
Foster W H Rockton Stud Rockton Hartsville Line	Berkshire	Queensland Benevolent Asylum Dunwich	Berkshire
Fowler F P Glenview Coalston Lakes via Biggenden	Berkshire	Roy C F A & Son Palawoods	Tamworth
Frankie H Cawdor Stud Cawdor via Toowoomba	Berkshire	Salisbury L M Wamutan	York (M W)
Fraser C C Moggill Ferry Riverview	Berkshire	Salvation Army Training Farm Riverview	Berkshire
Gibson Walter H Massie	Berkshire	Sauer W H Mira	Berkshire
Gittins R L Lockyer	Tamworth	Shepperson A V Kin kin via Coora	York (M W)
Griffiths J T Taabunga Resumption Kangaroo	Berkshire	Siemon W & Sons Prospect Stud Walloon	Gloss Old Spots
Grindles Limited Wolston	Tamworth	Slack J J City Cash Butchery Ipswich	Berkshire
Handler J W Bonvale Stud Moorfburg Creek	Berkshire	State Farm Hermitage	York (M W)
Hospital for the Insane Goodna	Berkshire	Tatnell W T Deep Creek, via Gympie	Tamworth
Hospital for the Insane Ipswich	Berkshire	Treedy E W Muirbanna Por Creek Gympie	Berkshire
Hospital for the Insane Wilburn	Berkshire	Wallison F Kinnoon Stud South Nanango	Berkshire
Howell R A Asralon Killarney	Tamworth	Warburton Estate of late W J Northgate Stud North	Poland China
Jacobsen J C F Louis ana St Mount Larcom	Berkshire	Warren State Farm Warren Rockhampton	Berkshire
Jorgensen J P & Son Fairholme Greenview Wondai	Berkshire	Webster L S Maleny	(c) 1 Poland China
Joyce Robert c/o W Hridge & Sinclair Ltd Elizabeth Street Brisbane	Berkshire	Weller J G Cleenack Eak	Berkshire
Karr State Farm Karr via Cairns	Berkshire	Wend n Frank Roselock Wondai	Duroc Jersey
Kays J J Keystone Past n Kingston The Farm Co Kingston	Gloss Old Spots	Westbrook Farm Home re Ross West rock	Berkshire
Klump C B Hone Hill	York (M W)	Whitew W Carpenale Helston	Berkshire
Krohl R W Van sing via Kait Killenben	Duroc Jersey	Whitaker J H, Victoria Park Broomby via Toowoomba	Tamworth
Krause C W Marlwig	Berkshire	Williams Robert Glenelg Private Bag Kangaroo	Poland China
Lawren e J Hlt n Stud Pervancon	Poland China	Wise Henry Kuluw	Berkshire
		Zerner W C Coony	Berkshire

AUSTRALIA

The Australian Stock Breeders rank to-day among
prominent Stock-Raisers, and Australia's Breeds

World'

Breed	Name and Address	Breed
Mernno	New Zealand & Austral an Land Coy Ltd Welisbot Hiracomb	Mernno
Mernno	Rae Alex Kyawanna Bungunya	Mernno
Corredale	St rton & Co M n n e Downs Tambo	Mernno
Mernno	Strathdan Pastoral Coy Ltd Longreach	Mernno
Corredale	Treweeke F L Culbok e vando S dng Treweeke & Son Un bercol e Goond w nd	() Mernno () Mernno
Mernno	Young Cha les D Glengower Bun nya	Mernno
Mernno	Zieske I Muckadlla	Mernno

Name and Address	Breed	Name and Address	Breed
Agricultural High School & College of Queensland Gatton ()	Berksh re Tamworth Poland China Berksh re Yorks (M W) Berkshire Duroc Jersey Duroc Jersey Berksh re	MacFarlane A G K Burne Radford (c) Nelson J J The Brook Connabar (c) Mear S O Maleny ()	Berksh re Berksh re Tamworth Berksh re Poland Ch a Clos Old Spots Berksh re Clos O d Spots Berksh re Duroc Jersey
Ashford J Ashley Stud Curra v a Gympie		M H eton Wm Br Bro, Can booya (c) Moffitt Chrs J A Maleny Moore Paul S nnyds de Woolon () Mort A F wardard Cardross Franklin Vale Grandchester	
Bishop J E O Kiamba Stud Kamba	Duroc Jersey	Naylor J c o Howard Motor Co Adelaide Street Brisbane	Ta worth Tamworth Duroc Jersey
Brown Bros Mooroon b n Stud Toogoolawah ()	Berksh re	NAYLOR JOHN View Farm Cambooya Newton H G Bunera Dawson Valley Lme	
Burton & Sons Oxford Wanora ()	Berksh re	O Sull van Con Nav Bus Ascot Factory via Greenmount	Duroc Jersey
Campbell P v Lawndi Stud La nngton v a Beau desert (c)	Berksh re	Pickels A Bils klunds Wondas (c) Porter M Roselock Stud Wondai Porter M & Son Wondai	Duroc Jersey Berksh re Berksh re
Colborn F H Warril View Radford	Berksh re	Quee C Land Benevolent Asylum Dunw h Roy S F A & Son Palmwoods	Berkshire Tamworth Yorks (M W)
Connolly Dr F G W Hon Stud Witon Park Wellcamp	Berksh re	Salisbury L M Wamuran Sal aton Army Train ng Farm R very ew	Berksh re Tam worth Berksh re Yorks (M W) Poland Ch na Glos Old Spots Berksh re Yorks (M W) Ta worth Berksh re
Cooke A S Lumsden Maleny ()	Poland China Poland Ch na	Sauer W H M ca Shepperson A v K n kin via Coora S en n W & Son Prospect Stud Wailoon Sla k J J City Cash Hatchery Ipswich	
Cordwell W Kurelpa via Nan bour	Berksh re Large Black Duroc Jersey	State lar Hen tage Tatnell W T Deep Creek via Gympie Treeby F W Mull branna Pie Creek Cympe	
Davey J C Abbeystead Stud Gatton	Berksh re	Wall son F Kun on Stud South Nanango	Berksh re Poland Ch a Berksh re Yorks (M W) Poland Ch a Berksh re Duroc Jersey Berksh re
Dayson George F a hll North Arm	Berksh re	Warburton J state of late W J Northgate Stud North gate Warren State Farm Warren Rockhampton Webster J C Maleny Weller J C Clerks Lak West n Frank Roseholn Wondai Westbrook Farm Home for Boys West rock White W W Capertley Hrl ton Whitaker J H v a Lora Park Brookburn via Toowoomba	
De Troy L E Cloyn Rd Murron	Berksh re	Wid a s Robert Glen H H P n a e Bag Hungary Wise Henry h k v	
Falt J I Ryfield Tingoorra (c)	Berksh re Tamworth Bkshire Berksh re Berksh re	Zimmer W C C w e y	Berk
Fairley S A Mondure Murron Proston Line	Berksh re		
Foute W H Rockton Stud Rockton Harmsle Lme	Bkshire		
Fowler F I Glenview Coalston Lakes via B gden ()	Berksh re		
Frankie H Cawdor Stud Cawdor via Toowoomba	Berksh re		
Fraser C C Mogill Merry River ew	Berksh re		
Gibson Walter H Mass e	Berksh re		
G itons R L Lockey	Tamworth		
Griff ht J Taabunga Resumption k ngatoy	Berksh re		
Grimles I nted Woolton ()	Ta worth		
Handley J W Bonvalde Sto t Murphy s Creek	Berksh re		
Hoop tal for the Insane Coona ()	Berksh re		
Hoop tal for the Insane to w h	Berksh re		
Hoop tal for the Insane W lowburn ()	Berksh re		
Howell R A Asralon k llamey (k)	Ta worth		
Jacobsen J C I Lona Stud Mount Larro	Berksh re		
Jorgensen J I S b n La h u l v Green ew Wondai (k)	Berksh re		
Joy v Robert C W lleda & S ncler Ltd El l abeth Street Br bane	Berksh re		
Kauri State Farm Kauri v a Arms	Berksh re		
Kay J H Katione P n t n	Clos Old Spots		
K n gston Bie Larm Co k nton	Ta worth Clos Old Spots Yorks (M W) Duroc Jersey Berksh re		
Klunpp C B H ne Hll	Duroc Jersey I land Ch na		
Krehler W Ya soon via ha k nton			
Krause C W Marburg			
Lawren e J H n St d Perra n			

The Australian Stock Breeders rank to-day among the World's prominent Stock-Raisers, and Australia's Breeds are excellen

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Australian Mercantile Land & Finance Co Ltd Retiro Station Capella	Merino	New Zealand & Australan Land Coy Ltd Wellhol	Merino
Clark Geo C East Tungal Ellinthorpe	Merino	Ilfracombe	Merino
Croxley Estates Croxley Kngsthorpe	Corriedale	Rae Alex Kyawanna Bungunya	Merino
Eurella Pastoral Co Eurella v a Ron a	Merino	Stratton & Co Munn & Downs Tambo	Merino
Faifax J H Marinya Cambooya	Corriedale	Strathdian Pastoral Coy Ltd Longreach	Merino
Leonard W & Sons Welltown Goodwind	Merino	Treweek F L Culbok & Nondoo S d ng	Merino
Livingston Bros B Blawarne	Merino	Treweek & Son Unbertoll Goodwind	Merino
Lord Robt I Victoria Downs Morven	Merino	Young Charles D Glengower Bunnya	Merino
		Zeske I Mughadila	Merino

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural High School & College of Queensland Gatton (r)	Berkshire	MacFarlane A G Kibb & Radford	Berkshire
Ashford J Ashley Stud Curra v a Gynpie	Tamworth	Mallon J J The Brook Cannabar	Berkshire
Bishop J F O Kamba Stud Kamba	Poland Ch na	Mear S O Maleny	Tamworth
Brown Bros Mooroomb n Stud Toowoomba	Berkshire		Berkshire
Burton & Sons Oxford Wanora	York (M W)	M Hutton Wm Bri Bri, Ca booya	Clos Old Spots
Campbell P v Lawnd l Stud Lannington v a Beau desert	Duroc Jersey	Mollit Chris J A Maleny	Clos Old Spots
Colborn F H Warren v ew Radford	Duroc Jersey	Moore Paul S nnyds de Woolon	Berkshire
Connolly Dr F G W lton Stud W lton Park Wellcamp	Berkshire	Mort A Edward Cardross Franklin Vale Grandchester	Duroc Jersey
Cooke A S Lwood Maleny	Poland Ch na	Naylor J c o Howard Motor Co Adelaide Street Brisbane	Tamworth
Cordwell W Kurelpa v a Na bout	Poland Ch na	NAYLOR JOHN View Farm Cambooya	Duroc Jersey
Davey J C Abbeystead Stud Gatton	Berkshire	Newton H G Muner Dawson Valley Line	
Davison George Farth North Arm	Large Black	O Sullivan Con Navil s Ascot Factory via Greenmount	Duroc Jersey
Delroy L I Cloyna Rd Murgon	Duroc Jersey	Pirkels A Blacklands Wondal	Duroc Jersey
Fatt I I Ryfield Tingora	Berkshire	Porter M Roselock Stud Wondal	Berkshire
Farley S A Mordun Murgon Proton Line	Tamworth	Porter M & Sons Wondal	Berkshire
Forde W H Rockford Stud Rockhampton	Berkshire	Queensland Benevolent Asylu n Dunwich	Berkshire
Forster F J Glen ew Coalston Lakes via B genden	Berkshire	Roy C F A & Son Palamwoods	Berkshire
Franklin H Cawdor Stud Cawdor v a Toowoomba	Berkshire	Salisbury L M Mamur	Tamworth
Fraser C C Moggil Ferry River ew	Berkshire	Salvat on Arm y Train ng Farm R ver ew	Berkshire
Gibson Walter H Mass e	Berkshire	Sauert W H Mra	York (M W)
Gitts R L Lockyer	Tamworth	Shepperson A v Kim n n via Coora	Poland Ch na
Griffiths J T Taabunga Resu ption Hungaro	Berkshire	Stern W & Sons Prospect Stud Wallowan	Clos Old Spots
Griffiths L ted Wolston	Tamworth	Slack J J City Cash Buttery Ipswich	Berkshire
Handley J W Bonvale Stud Murphys Creek	Berkshire		York (M W)
Hopital for the Insane Goodna	Berkshire	State Lar Heri tage	Berkshire
Hospital for the Insane Ipswich	Berkshire	Tatnell W T Deep Creek via Gympie	Tamworth
Hospital for the Insane W ltonburn	Berkshire	Treedy F W Mun beanna The Creek Gympie	Berkshire
Howell R A Ascalon Kilarney	Tamworth		
Jacobson J C I Lou ana Stud Mount Laroo	Berkshire	Wall son F Kunoon Stud South Nanango	Berkshire
Jorgensen J I v Son Farth de Green ew Wondal	Berkshire	Warb rton Estate of late W J Northgate Stud North	Poland Ch na
Joy v Robert C W lton & S nlar ltl l abeth Street Brisbane	Berkshire	Warren State Farm Warren Rockhampton	Berkshire
Karr State Farm Karr v a Cairns	Berkshire	Welch I S Maleny	York (M W)
Kelly J J Lestone Proston	Clos Old Spots	Welch J C (Lonek Oak	Berkshire
Kingsley v a Lam Co K nton	Clos Old Spots	Wendin Frank Rockelton Wondal	Berkshire
Klunpp C B Hine H l	York (M W)	Westbrook Farm Home for Boys West rock	Berkshire
Koolher W Ya son via Ka lberton	Duroc Jersey	Whitew v W Carpent l H lton	Berkshire
Krause C W Marburg	Berkshire	Whitaker J H Victoria Park Brisbane via Toowoomba	Tamworth
Lauren E J lton Stud Perth on	Duroc Jersey	Williams R bert Clow l H Pri ate Bar Hungaro	Poland Ch na
	Poland Ch na	Wm Henry K l v	Berkshire
		Zerner W C C o y	Berkshire

AUSTRALIA

The Australian Stock Breeders rank to-day among the World's most prominent Stock-Raisers, and Australia's Breeds are excellent.

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Australian Mercantile Land & Finance Co., Ltd, Retro Station, Capella	Merino	New Zealand & Australian Land Coy, Ltd, Welisshot Hiraconia	Merino
Clark, Geo. C. East Talgai Ellinthorpe	Merino	Rae Alex, Kyawanna Bungunya	Merino
Croxley Estates Croxley, Kingsthorpe	Corriedale	Sturton & Co. Minnie Downs Tambo	Merino
Eurella Pastoral Co., Eurella via Roma	Merino	Strathdun Pastoral Coy Ltd, Longreach	Merino
Fairfax, J. H., Maruya, Cambooya	Corriedale	Trewecke F. L., Culbokie Nondoo Siding	(c) Merino
Leonard, W. & Sons Welltown Goondwinds	Merino	Trewecke & Son Umbrellah Goomdwindi	(f) Merino
Livingston Bros, Laidlawarie	Merino	Young Charles D. Glengower Bun, nja	Merino
Lord Robt. P., Victoria Downs Morven	Merino	Zieske I. Muckadilla	Merino

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural High School & College of Queensland Gatton (c)	Berkshire	MacFarlane A. G. Kilbirnie Radford	(c) Berkshire
Ashford J. Ashley Stud Curra via Gympie	Tamworth	Malton J. J. The Brook, Cinnabar	(c) Berkshire
Bishop J. T. O., Klamba Stud Klamba	Poland China	Mear S. O. Maleny	(c) Tamworth
Brown Bros. Mooroombin Stud Toogoolawah	Berkshire	Mudleton Wm. Bri Bri, Cambooya	Berkshire
Burton & Sons Oxford Wanora	York (M. W.)	Moffitt Chas. J. A. Maleny	Poland China
Campbell P. V., Lawnhill Stud Lannington via Beau desert	Duroc Jersey	Moore Paul Sunnyside Wooroolin	Glou. Old Spots
Colborn, F. H. Warri View, Radford	(c) Duroc Jersey	Mort A. Edward Cardross Franklin Vale Grandchester	Berkshire
Connolly, Dr. F. G., Walton Stud Walton Park Wellcamp (c)	Berkshire	Naylor J. c/o Howard Motor Co. Adelaide Street, Brisbane	Duroc Jersey
Cooke, A. S. Linwood Maleny	Berkshire	NAYLOR, JOHN, View Farm, Cambooya	Tamworth
Cordwell W., Kurelpa, via Nambour	Poland China	Newton H. G. Baner Dawson Valley Line	Duroc Jersey
Davey J. C. Abbeystead Stud Gatton	Poland China	O'Sullivan Con. Navillus Ascot Factory, via Greymount	Duroc Jersey
Dayson George Fairhill North Arm	Berkshire	Pickels A. Blacklands Wondal	(c) Duroc Jersey
Delroy L. L. Cloyna Rd, Murron	Large Black	Porter M. Roselock Stud Wondal	Berkshire
Falt P. P. Ryfield Tingora	Duroc Jersey	Porter M. & Son Wondal	Berkshire
Fairley S. A., Mondure Murgon Preston Line	Berkshire	Queenland Benevolent Asylum Dunwich	Berkshire
Foster, W. H. Rockton Stud Rockton Hartsville Line	Tamworth	Roy C. F. A. & Son Palmwoods	Tamworth
Fowler, F. P. Glenview Coalston Lakes via Bugenden	Berkshire	Salsbury L. M. Wamuran	York (M. W.)
Franklin H., Cawdor Stud, Cawdor via Toowoomba	Berkshire	Salvation Army Training Farm Riverview	Berkshire
Fraser, C. C. McGill Ferry Riverview	Berkshire	Sauer W. H. Mira	York (M. W.)
Gibson Walter H. Manse	Berkshire	Shepperson A. V. Kin kin via Coora	Poland China
Gillies R. L. Lockyer	Tamworth	Sims W. & Sons Prospect Stud Walkoon	Glou. Old Spots
Griffiths J. T., Taabana Resumption Kungary	(c) Tamworth	Slack J. J. City Cash Butchery Ipswich	Berkshire
Griffiths Limited Wolston	Tamworth	State Farm Hermitage	York (M. W.)
Handley J. W. Bonvale Stud Morphy Creek	Berkshire	Talbot W. T. Deep Creek via Gympie	Tamworth
Hospital for the Insane Goodna	Berkshire	Treedy F. W. Mulibanna Pie Creek Gympie	(c) Berkshire
Hospital for the Insane Ipswich	Berkshire	Wallis I. Kunison Stud South Nanango	Berkshire
Hospital for the Insane Wiltonburn	Berkshire	Warburton Estate of late W. J. Northgate Stud North	Poland China
Howell R. A. Asralon Kullary	(c) Tamworth	Webster J. S. Maleny	York (M. W.)
Jacobsen J. C. J. Toinsiana Stud Mount Larr. n	Berkshire	Weller J. G. Glenesk Esk	Berkshire
Jorgensen J. P. & Son Fairholme Greenview Wondal (c)	Berkshire	Wendell Frank Rockton Wondal	Duroc Jersey
Joyce Robert c/o Widdridge & Sinclair Ltd Elizabeth Street Brisbane	Berkshire	Westlake Farm H. one the Ross West rock	Berkshire
Kairi State Farm Kairi via Cairns	(c) Berkshire	Whitaker J. W. Carpentale Helidon	Berkshire
Kays J. J. Keystone Print n	Glou. Old Spots	Whitaker J. W. Carpentale Helidon via Toowoomba	Tamworth
Kingsman J. J. Farm Co. Kinross	York (M. W.)	Whitaker J. W. Carpentale Helidon via Toowoomba	Poland China
Klumpf G. B. Hume Hill	York (M. W.)	Whitaker J. W. Carpentale Helidon via Toowoomba	Berkshire
Kochler W. Cammon via Kambilla n	Duroc Jersey	Whitaker J. W. Carpentale Helidon via Toowoomba	Berkshire
Krause W. M. Marburg	Berkshire	Whitaker J. W. Carpentale Helidon via Toowoomba	Berkshire
Lawrence J. H. n Stud Petramon	Poland China	Whitaker J. W. Carpentale Helidon via Toowoomba	Berkshire

AUSTRALIA

The Australian Stock Breeders rank to-day among the World's most prominent Stock-Raisers, and Australia's Breeds are excellent.

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Australian Mercantile Land & Finance Co., Ltd., Retro Station, Capella	Merino	New Zealand & Australian Land Coy, Ltd., Wellshot Ilfracombe	Merino
Clark, Geo C., East Talgai Ellinthorpe	Merino	Rae, Alex Kyawanna Bungunya	Merino
Croxley Estates, Croxley, Kingsthorpe	Corriedale	Sturton & Co., Minnie Downs Tambo	Merino
Eurelia Pastoral Co., Eurelia via Roma	Merino	Strathdan Pastoral Coy Ltd., Longreach	Merino
Fairfax, J. H., Manrya, Cambooya	Corriedale	Treweeke F. L., Culbokse Nondoo Siding	(c) Merino
Leonard, W. & Sons Welltown, Goodwinds	Merino	Treweeke & Son Umbrellah Goodwinds	(c) Merino
Livingson Bros. Billawarra	Merino	Young Charles D. Glengower Bungunya	Merino
Lord, Robt P., Victoria Downs, Morven	Merino	Zieske J. Mukadilla	Merino

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural High School & College of Queensland, Gatton (c)	Berkshire	MacFarlane A. G. Kilburne Radford	(c) Berkshire
Ashford J. Ashley Stud. Curra via Gympie	Tamworth	Mallon J. J. The Brook Cannabar	(c) Berkshire
Bishop, J. E. O., Kiamba Stud. Kiamba	Poland China	Meer S. O. Maleny	(c) Tamworth
Brown Bros., Moorumbin Stud. Toogoolawah	Berkshire	Middleton Wm. Bri Bra, Cambooya	Berkshire
Burton & Sons, Oxford Wanoora	Yorks (M. W.)	Moffitt Chrs J. A. Maleny	Poland China
Campbell P. V., Lawnhill Stud. Lannington via Beau desert	Duroc Jersey	Moore Paul Sunnyside Wooroln	Gloss Old Spots
Colborn F. H. Warnd View, Radford	(c) Berkshire	Mort A. Edward Landross Franklyn Vale Grandchester	Berkshire
Connolly, Dr. F. G., Wilton Stud. Wilton Park Wellcamp	Duroc Jersey	Naylor J. c/o Howard Motor Co. Adelaide Street Brisbane	Duroc Jersey
Cooke A. S. Linwood Maleny	Berkshire	NAYLOR, JOHN, View Farm, Cambooya	Tamworth
Cordwell W., Kureelipa via Nambour	Poland China	Newton H. G. Bunter Dawson Valley Line	Duroc Jersey
Davey J. C., Abbeystead Stud. Gatton	Poland China	O Sullivan Con., Navillus Ascot Factory via Greenmount	Duroc Jersey
Davison George, Fairhill North Arm	Berkshire	Pickels A. Blacklands Wondai	(c) Duroc Jersey
Delroy, L. E., Cloyne Rd., Murgon	Large Black	Porter M. Roselock Stud. Wondai	Berkshire
Falt P. P., Ryfield Tingoorra	Duroc Jersey	Porter M. & Son Wondai	Berkshire
Faulstich S. A., Mondure Murgon	Queensland Benevolent Asylum. Dunwich	Queensland Benevolent Asylum. Dunwich	Berkshire
Foots W. H. Rockton Stud. Rockton	Tamworth	Roy C. F. A. & Son. Palmwoods	Tamworth
Fowler, F. P. Glenview Coalston Lakes via Buggenden	Yorks (M. W.)	Sainsbury L. M. Wamuran	Berkshire
Frankel, H., Cawd s Stud. Cawdor via Toowoomba	Berkshire	Salvation Army Training Farm. Riverview	Berkshire
Fraser, C. C. Mogill Ferry. Riverview	Berkshire	Sauer W. H. Mura	Yorks (M. W.)
Gibson Walter H. Massie	Berkshire	Shepperson A. V. Kun Kun via Coora	Tolan China
Gittins R. L. Lockyer	Tamworth	Sinmon W. & Sons Prospect Stud. Wailoon	Gloss Old Spots
Griffiths J. T., Taabura Resumption. Kungary	Berkshire	Slack J. J. City Cash Butcher. Ipswich	Berkshire
Grindles Limited. Winton	Tamworth	Slack J. J. City Cash Butcher. Ipswich	Berkshire
Handley, J. W., Bonvale Stud. Murphy's Creek	Berkshire	State Farm. Hermitage	Berkshire
Hospital for the Insane. Goodna	(c) Berkshire	Tatnell W. T. Deep Creek via Gympie	Tamworth
Hospital for the Insane. Ipswich	Berkshire	Trebbin E. W. Munbranna. Pie Creek. Gympie	Berkshire
Hospital for the Insane. Willowburn	(c) Berkshire	Wallis n. T. Kunson Stud. South Nanango	Berkshire
Howell R. A. Avalon Killarney	(c) Berkshire	Warburton Estate of late W. J. Northgate. Stud. Northgate	Poland China
Jacobson J. C. I. Louisiana Stud. Mount Larcom	Berkshire	Warren State Farm. Warren. Rockhampton	Yorks (M. W.)
Jaggeness J. J. & Son. Lathrope. Greenview. Wondai (c)	Berkshire	Webster J. S. Maleny	Berkshire
Joyce Robert c/o Willocke A. Sinclair. L. L. Elizabeth Street Brisbane	Berkshire	Weller J. G. Glenesk. Lak	Tolan China
Kauri State Farm. Kauri via Cairns	Berkshire	Weston Frank. Kewbeid. Wondai	Berkshire
Kays I. J. Heuston. Mount Kingston. L. L. Farm Co. Kinnaird	Gloss Old Spots	Weston Frank. Kewbeid. Wondai	Duroc Jersey
Klun pp, G. B. Hane Hill	Tamworth	Whitaker J. H. Victoria Park. Binaburn via Trowamba	Berkshire
Kochl R. W., Lamson via Ham Kill moun	Gloss Old Spots	Wills & R. Bert. Glen Hill Private. Rag. Kungary	Poland China
Krause C. W. Marburg	Yorks (M. W.)	Wise Henry. Kib s	Berkshire
Lawrence J. H. n Stud. Yarrabun	Duroc Jersey	Zern W. C. L. s	Berkshire

AUSTRALIA

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Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Australian Mercantile Land & Finance Co, Ltd, Retrol Station, Capella	Merino	New Zealand & Australian Land Coy, Ltd, Welisshot Iliracomb	Merino
Clark, Geo C, East Talgai Flintthorpe	Merino	Rae, Alex, Kyawanna, Bungunya	Merino
Crosley Estates Crosley, Kingsthorpe	Corriedale	Sturton & Co Minnie Downs Tambo	Merino
Eorella Pastoral Co, Eurella via Roma	Merino	Strathairn Pastoral Coy, Ltd, Longreach	Mer no
Fairfax J H, Marinya Cambooya	Corriedale	Trewecke F L, Culbroke Nondoo Siding	(c) Merino
Leonard, W & Sons Welltown, Goondwimdi	Merino	Trewecke & Son Umbercollic Goondwimdi	(c) Merino
Livingston Bros Billawarne	Merino	Young Charles D, Glengower Bun, mya	Merino
Lord Robt P Victoria Downs, Morven	Merino	Zieske J Muckadilla	Merino

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural High School & College of Queensland Gatton (c)	Berkshire	MacFarlane A G, Kibbierie, Radford	(c) Berkshire
Ashford J Ashley Stud Curra via Gympie	Tamworth	Mallon J J The Brook Cinnabar	(c) Berkshire
Bishop, J F O, Kiamba Stud Kiamba	Poland China	Near S O Maleny	(c) Tamworth
Brown Bros, Mooroombin Stud Toogoolawah	Berkshire	Ni Idleton Wm Bri Bri Cambooya	(c) Berkshire
Burton & Sons Oxford Wanora	York (M W)	Moffitt Chris J A Maleny	(c) Glos Old Spots
Campbell P V, Lawnhill Stud Lamington via Beau desert	Berkshire	Moore Paul Sunnyside Woolwin	(c) Berkshire
Colborn F H Warri View Radford	Duroc Jersey	Mort A Edward Carrross Franklyn Vale Grandchester	Duroc Jersey
Connolly Dr F G, Wilton Stud Wilton Park Wellrample	Duroc Jersey	NAYLOR J C/o Howard Motor Co Adelaide Street Brisbane	Tamworth
Cooke, A S Linwood Maleny	Berkshire	NAYLOR JOHN, View Farm, Cambooya	Tamworth
Cordwell W, Kurelpa via Nambour	Poland China	Newton H G Buneru Dawson Valley Line	Duroc Jersey
Davey J C, Abbeystead Stud Gatton	Berkshire	O Sullivan Con Navillus, Akrot Factory via Greenmount	Duroc Jersey
Davison George Fairhill North Arm	Large Black	Pickett A Blacklands Wondai	(c) Duroc Jersey
De Troy L F, Cloyne Rd, Murron	Duroc Jersey	Porter M Roselock Stud Wondai	Berkshire
Falt P P Ryfield Tingora	Berkshire	Porter M & Son Wondai	Berkshire
Farley S A, Mundure Murgon Proston Line	Tamworth	Queensland Benevolent Asylum Dunwich	Berkshire
Isaacs W H Rockton Stud Rockton Marriaville Line (c)	Berkshire	Roy C F A & Son Palmwoods	Tamworth
Powder F P Glenview Coalston Lakes via Biggenden	Berkshire	Sainsbury L M Wamuran	York (M W)
Frankie H Cawdr Stud, Cawdor, via Toowoomba	Berkshire	Salvation Army Training Farm Riverview	Berkshire
Fraser C C Mogull Ferry Riverview	Berkshire	Sauer W H Mira	Tamworth
Gibson Walter H Massey	Berkshire	Sherrington A V Kin kuh via Coora	Poland China
Gittins R L, Lockyer	Berkshire	Sims W & Sons Prospect Stud Walloon	Glos Old Spots
Griffiths J T, Taberna Resumption Kangaroo	Tamworth	Slack J J City Cash Butchery Ipswich	Berkshire
Grindies Limited Welton	(c) Berkshire	State Farm Hemutage	York (M W)
Handley, J W, Bonvale Stud Murphys Creek	Berkshire	Taitnell W T Deep Creek via Gympie	Tamworth
Hospital for the Insane Ipswich	Berkshire	Trechy F W Mun banana Pe Creek Gympie	Berkshire
Hospital for the Insane Willowburn	(c) Berkshire	Wallis G F Hunston Stud South Nanango	Berkshire
Howell R A, Asalon Killarney	Tamworth	Warburton Estate of late W J Northgate Stud Northgate	Poland China
Jacobsen J C I, Louisiana Stud Mount Larcom	Berkshire	Warren State Farm Warren Rockhampton	Berkshire
Jorgensen J J & Son Fairholme Greenview Wondai (c)	Berkshire	Weldin J S Maleny	Poland China
Joyce Robert C Walbridge & Sinclair Ltd Elizabeth Street Brisbane	Berkshire	Weller J G Glenbrook Park	Berkshire
Kauri State Farm Kauri via Cairns	Berkshire	Wesdin Frank Rockhampton Wondai	Duroc Jersey
Kay I A, Kestrel Stud Kingston	Glos Old Spots	Westrick Farm Home Farm West rock	Berkshire
Kingston J G, Kauri Co Kingston	Tamworth	Whites & W Capetown Heldm	Berkshire
Klunpp G B Hume Hill	Glos Old Spots	Whitaker J H Victoria Park Herston via Toowoomba	Tamworth
Kochler W, Yarrum via Kairi Killarney	York (M W)	Williams Rbert Glenhill Private Bag Kangaroo	Berkshire
Krause C W, Marlburg	Duroc Jersey	Wise Henry kuh	Berkshire
Lawrence J J H Stud Petterton	Poland China	Zern F W C Cairns	Berkshire

AUSTRALIA

The Australian Stock Breeders rank to-day among the World's most prominent Stock-Raisers, and Australia's Breeds are excellent.

Sheep Breeder

Name and Address					Breed				
Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Sheep Breeder	100-228

Pig Breeder

Name and Address					Breed				
Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228
Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228	Alfred W. Mearns	100-228	Queensland	Pig Breeder	100-228

AUSTRALIA

The Australian Stock Breeders rank today among the World's most prominent Stock Raisers, and Australia's Breeds are exported.

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Australian Mercantile Land & Finance Co Ltd Retro Station Capella	Merino	New Zealand & Australian Land Coy Ltd Welschot Ilfracombe	Merino
Clark Geo C. East Talcott Flinthorpe	Merino	Rae Alex Kyawanna Bungunya	Merino
Croxley Estates Croxley Kingshorpe	Corriedale	Sturton & Co Mount Downs Tambo	Merino
Eurella Pastoral Co Eurella via Ron a	Merino	Strathdon Pastoral Coy Ltd Longreach	Merino
Farrax J H Marinya Cambooya	Corriedale	Treweeke F L Culbokke Nondoo Siding	Merino
Leonard W & Sons Welltown Goodwood	Merino	Treweeke & Son Timbercullie Goodwind	Merino
Livingston Bros. Bulahwarne	Merino	Young Charles D Glengower Bungunya	Merino
Lord Robert Victoria Downs Merino	Merino	Zieske J Muskhalla	Merino

Pig Breeders

[illegible]

AUSTRALIA

The Australian Stock Breeders rank to-day among the World's prominent Stock-Raisers, and Australia's Breeds are excellent

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Agri. ult. res. and Stock Department of Brisbane Andover W. H. Woodstock Coombarra A. A. A. Dandee Macalister	Clydesdale Blood Hackney	Jurges F. Cecil Plains	Blood
Barbour A. C. Glen Ken via Esk Barnes J. H. S. Canning Downs, Warwick Blunde I. G. Bexley Central Queensland	(1) Clydesdale Blood	Kilvington J. H. Glenare Grove Forrest Hill	Clydesdale
Combs P. W. Thredeld Central Queensland Cresswell A. T. St. Helens Itsworth Cullin D. Panpas Itsworth	Clydesdale Blood	Livingstone M. Pringle Lawn Nobby Lord E. F. & Sons Eskdale via Esk Love Jas. Townsville Lyndhurst David Warwick	(2) Blood
Doran W. A. Allora Dothel J. C. Yatala Drew Robt. Forrest Hill Dunne B. S. Maryland Chiders	Clydesdale Blood	Muirhead W. A. Mt. Tyson Oakley Muller A. G. Hazeldean Fassifern Valley via Kalbarra Murray C. F. Fryish Bell Mylett J. Flagstone Creek Lanville	(3) Clydesdale Blood
Ellis C. Wheelie Faru La dle Ellis J. Nandago Ela W. Carnegie West ale Rd. via Greenmount	Blood	Orr Alex. Mount Irving Aubgny	Clydesdale
Faehn D. Last Bundaberg Fleming Staton Felton Toowoomba Fitz G. Clifton Flood W. Pittsworth	Clydesdale	Pein von Pineland Pittsworth Pullen S. E. Prairie Pine Wyrarua Killarney Line	
Gibbs J. & W. Ingleburg Glen W. Manapouri Nobby Gordon H. W. Allora Gordon G. Rockall Hendon Graham B. Campbell's Plains Warwick	Blood Clydesdale	Ramsay E. L. Banchoory Umburana Rogers J. P. Redfield Bungunyah Ryan M. Kialla Greenmount	Blood
Haddon James Burnfoot Forest Howell K. A. Ascanon Kilmarnock South	(4) Arabs Clydesdale	Schneider H. Kulgun Fass fern Scrimgeour J. G. Antherby Warwick Smith Jos & Sons Salisbury Leyburn Rd. Clifton Smith S. Hodgson Vale Toowoomba Spratt Jas. Valga West Ellinthorpe Spratt Wm. Piton Stewart W. Hazelbank Boomah	Clydesdale Blood Clydesdale Blood Clydesdale
Hutton Wm. Thue (ro e Allora J. H. H. G. Alma Stud Greenmount Jensen J. J. Elphinstone Jordanian State Co. of Australia Ltd. Jondarya Jung Wm. J. P. & Son Farholme Greenview Wyndal (ch)	Blood Clydesdale	Taylor J. W. G. Bon Accord Dalby Turner S. T. Woolon	Blood Clydesdale
		Wagner A. C. Aent's Pocket Boonah Watson E. W. & Sons Welford Nangwee Whitcomb Estates Co. of Australia Ltd. Maryvale Warwick White C. F. Ikedale Stanthorpe White W. D. & Sons Bluff Downs Charters Towers	(5) Blood
		Yee M. Arden Logan Village	

TASMANIA

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
Agnw I O Glaslough Epping	Red Poll	Ieam P F Breadalbane	Jersey
A htown & Horton Rockfield Chudleigh	Ayrsh re	Lindsay J A Barbrook Fvendale	Ayrsh re
Agnes H H Southda	Jersey	L ttle E H P perts R ver	Jersey
Hru by Allan Longford	Ayrsh re	Mackay H S Pelrine Inshstown	Mkg Shorthorn
An r n Mrs A M Lowestoft Bernedale	Jersey	Mackay Prof J H Roger R ver	Mkg Shorthorn
Ca S L Cunnis Plains	Jerse	Mackay O Roger R ver	Jersey
Cla p d n A Sn thon	Jersey	McNarama C E Scottsdale	Jersey
Clark C hood La Ta nang Fernsula	Jersey	Nevin R H & Son Hlawarwa Longford	Jersey
Cooper A R Emula Finders Island	Jersey	Newnham Stui Co Pty Ltd Newnham Laureston	Jersey
Copping A J Bush Bank Kellavie	Fries an	Oilver E W c o Relb a Farm & Dairy Relba	Ayrshire
Cum A F Johnrston Flowery G Wy Beaconsf eld	Jersey	Oilver N N Cleghom Terrallun Laureston	Ayrsh re
D r f lrm & Reynolds Pty Ltd Belgrave Hampton T	Mkg Shorthorn	Oilver W A Olive Dale Chadle gh	Ayrsh re
Dy ne B H Montana Gawler	Jersey	Page R M Redlands Plenty	Red Poll
Dhnn C A Ashburton Ll yrstone	Jersey	Palfreyman A T Elizabeth Street Hobart	Jersey
Jenn H I W Cl ton Hagley	(s) Jersey	Pearn H L Wt temore	Ayrsh re
Geddes A C Newwood Laureston	Jersey	Phyl Y C K Glen Din Guse	Hereford
Gers W A Ribia Farm & Dairy Pty Ltd Relba	Jersey	Procter C A Glen V na Flowery G Wy Beaconsf eld	Jersey
Glow Estates Jas Belle Vue Epping	Hereford	Read W F Dorell	Ayrsh re
Gowan A W byre	Ayrsh re	Relb A A Rathie Bothwell	Red Poll
Glan Albert Chudle gh	Ayrsh re	Relb a Farm & Dairy ty Ltd Relb a	Jersey
Glan J Westbury	Ayrsh re	Reynolds Bros Hobart	Jersey
Gren S C Patterson Street Laureston	Ayrsh re	Reynolds L L Colebrook	Ayrshire
Gren J A Cunnt Plains	Jersey	Sadler B T Rannoch Last Devonport	Jersey
Groat I A Little Lower Pyper	Jersey	Scott Barclay & Sons Corraville Wt temore	Ayrshire
Groat W F Thores R ver	Jersey	SCOTT H B, Whitemore	Ayrshire
Hall F C Alan ale Laureston	(ii) Ayrshire	Taylor R Winton Campbell Town	Hereford
Hat e g W T Somerset	Jersey	Thompson J A W naron Emula Finders Island	Red Poll
Hia C J Landrauna H Hart	Fries an	Tong F C Livermore	Jersey
Hia m u J A Hagley	Jersey	Townsend A H Wynns Tewkesbury	Jersey
Hia low I H L Wt temore	(s) Jersey	Townsend A W Hill brow Kidley	Jersey
Hia low I H K Rowlands Whittemore	(s) Jersey	Van Diemen s Land Co Burnie	(id) Hereford
Hia low I M C Dela wny Hagley	Ayrshire	Webster Joe John Valenz Finders Island	Red Poll
Hia low I R K M Hon Vale Wt temore	Jersey	Wine C H Wooda Freelon	Ayrsh re
Hia n W R Eaton	Jersey	Wyatt C H Hawthorn Dunstan	Ayrsh re
D J H J Webb ch Sudst ay Creek	Jersey		
H S A K Baskely Newrald	Ayrsh re		

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Alcock J R Deloraine	Longwool	Heazlewood Elton Wh temore	Longwool
Archer C A Quamby Plains Hagley	Corriedale	Bord Leicester	Longwool
Archer J N Brambletye Llewellyn	Corriedale	Heazlewood H L Valmont Wh temore	(1) Bord Leicester
Archer W F Longford	Corriedale	Heazlewood H R Roselands Wh temore	(2) Longwool
Badcock B M Wh temore	Longwool	Heazlewood Mrs L Hagley	Longwool
Badcock F N Son Fair Bank Hagley	Longwool	Heazlewood M C Delamere Hagley	Bord Leicester
Badcock L A Wh temore	Bord Leicester	Heazlewood Norman Wh temore	Southdown
Badcock N G Green Res Cressy	Longwool	Heazlewood R K Melton Vale Wh temore	(2) Longwool
Badcock W Wh temore	Longwool	Hogarth W S Western Junction	Longwool
Barwick A F Ansell Ponds	Shropshire	Ingram J Barrington	Longwool
Baxter W Pipers River	Corriedale	James D R The Lodge Bridgewater	Longwool
Bendall A W Westbury	Longwool	Leatherbarrow B R Montrose Pipers River	Shropshire
Bent, Percy C Deloraine	Longwool	Loane N E Farley Andred	Corriedale
Bisbee Bros Hutton Park Melton Nowbray	Polwarth	Long Thos. Torwood Tea Tree	Shropshire
Boyes I C Longford	Longwool	Mackinnon A D Dalness Evandale	Corriedale
Brettigham Moore G R Wantley Richmond	Suffolk	Mackinnon C R Mountford Longford	Corriedale
Brumby Harold Longwood Herneck	Corriedale	Mitchell R P The Rowans Sprent Ullestone	Suffolk
Brumby S Cressy	Romney Marsh	Newton A Brooklyn Eaton	Shropshire
Burbury Bros Andover	Longwool	Nicholas A R Brooklands Ant Hill ends	Shropshire
Burbury Chas Andover	Shropshire	Nicholson A D Campbell Town	Corriedale
Burbury Fred Hill Park Purattuh	Corriedale	Nicholson J R Campbell Town	Corriedale
Burbury Lew S Mayfield Cressy	Polwarth	Oppenheim L B Devonport East	Longwool
Burbury Thos J Jack Farm Jericho	Longwool	Oppenheim L H Latrobe	Longwool
Button Bros. Oatlands	Shropshire	Porter S Colebrook	Longwool
Canpbell John Westley Vale	Shropshire	Ray A F Mangalore	Corriedale
Claggeleffer I & Son Blackwood Grove Somerset	Southdown	Reynolds L C Colebrook	Longwool
Coombe A Campbell Town	Corriedale	Richardson A J Chudleigh	Longwool
Cotton Arthur Belmont Riverside	Corriedale	Ritchie Bros Mayfield Chudleigh	Longwool
Coy N D L Burnie	Longwool	Roberts Thomson Maj A F Table Cape Farm Wynyard	Shropshire
Crook Bros & Reynolds Pty Ltd Mount Vernon Melton	Suffolk	Robinson L H Frankford	Corriedale
Cutts Walter Brerley Grove Saxatras	Southdown	Scott W & Sons Mayfield Westbury	Longwool
Davies C R Belleue Sorell	Shropshire	Shipp W B Shropshire	Southdown
Dennison Lateral Ason Denniston Bothwell	Polwarth	Smart F A & Sons Alwal Wynyard	Shropshire
Edginton F A Vester	Corriedale	Spencer Bros B Shropshire	Longwool
Feathstone Geo Sorell	Shropshire	Trethow H R Evandale	Longwool
Flinn J L Hawley Lodge Campbell Town	Corriedale	Trethow W J Evandale	Longwool
Fisher J J Jiles de Oatlands	(1) Longwool	Twissell R East Devonport	Longwool
Foster Henry Melton Vale Campbell Town	Shropshire	Tysbe & Fiddell Denniston Bothwell	Longwool
French Chris Wh ten ore	Longwool	Van Dymen's Land Co Burnie	(4) Shropshire
French P W Clifton Hagley	Longwool	Von Stieglitz H R Evandale	Corriedale
French T J Wh ten ore	Longwool	Vary H & J Westwood Hagley	Longwool
French W & Son Wh ten ore	(4) Longwool	Walker Reg Mancel Ruse Carrick	Corriedale
Fysh C W New Norfolk	Shropshire	Webster L L Wh temark Flinders Island	(4) Corriedale
Gardner H R Breadalbane	Shropshire	Whinshaw Bros Armadale Carrick	Longwool
Gatenby John J Cressy	Merino	White C Newnham	Longwool
Gatenby Nonan Cressy House Longford	Corriedale		
Green I Perth	Longwool		
Gubel I B Hengo Lemana Junction	Corriedale		
Gubel I C Woodlands Lemana Junction	Longwool		
Hall I C Alan de La neston	Southdown		
Hall J hn B Hobart	Longwool		
Hartman I & L C Norley Longford	Corriedale		
Heazlewood A O Hagley	Longwool		
	Bord Leicester		
	Southdown		

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Bertie A B 44 Clare Street, New Town, Hobart	Meat White	Lipscomb Bros Bellevue Tasmania	Pork White
Cameron Capt D 40, English Lane, Fort St, Hobart	China Old Spot	Scott R R Martyns Hagley	Pork White
Cannell J C, Verone Farm, Glenorchy	Tamworth		
Corn & Freeland, Mount Vernon Cressy	York (M W)	McLean Lake Clarendon Estate Mowbray	Pork White
Haskins C N Devonport	Pork White	McLean Norman L Mowbray	Pork White
		Wright J N A Chapel Street, Glenorchy	Pork White

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Agnew J S Waterley Oatlands	Light Draught	Johnstone E T, Meander	Pony
Archie A B Penguin	Light	Keating Frederick Deloraine	Draught
Astell F A Stenport	Draught	Keating L C Cressy	Draught
Ballantine F S Hampshre	Trotting	Kelly A Sheffield	Draught
Barker Frank Burnie	Roadster	Kelly J Deloraine	Draught
BERRY L B Deep Creek Road Wynyard	Draught	Kennedy Claude 414 Macquarie Street Hobart	Draught
Bird Bros Karoola	Draught	King C E Byfield Stanley	Draught
Boucher A F Hagl s	Draught	Larcombe A Deloraine	Draught
Brakey A F Detention	Draught	Lindrea J King s Meadows Launceston	Draught
Burke Thos Forest	Draught	Lohrey L W Pleasant Vale Ashwater	Pony
Burns J A Colebrook	Draught	Long Edgar F N Forcett	Trotting
Burrows Geo W Scottsdale	Draught	Long Geo Dunalley	Pony
Burton T Lower Sands Bay	Trotting	Lyons Thos Lyndhurst New Town	Blood
Cameron N Somers t	Draught	Miller A L St Mary s Launceston	Trotting
Carr R Natone	Light	Millington J Sorell	Draught
Chandler R Bell s	Draught	Newton H Cressy	Light Trotting
Chant C Hobart	Trotting	Pearce Athol Bowden Road Moonah	Thoroughbred
Clayton F Mathinna	Trotting	Peck C Myrtle Bank	Trotting
Coad D J Lavington South	Draught	Peters J D Deloraine	Trotting
Cotton Nurse Carlisle s w Town	Draught	Peters J P Twining Street Launceston	Trotting
Crampton H Oatlands	Blood	Plummer Myrtle Nubeena	Trotting
Crisp Bros Mead field Rothwell	Thoroughbred	Poke L C Marravah	Pony
Dent Z The Oaks	Pony	Porthouse R 7 William Street Launceston	Pony
Dobson J 100 (in) it ere Street Launceston	Trotting	Poynton S Claude Road Sheffield	Trotting
Dobson L R Liverpool	Blood	Price E Nubeena	Draught
Donnelly G 1 Collins Street Hobart	Trotting	Price John Nubeena	Trotting
Dryes E F Long rd	Thoroughbred	Rawnsley J A Ross	Draught
Duns H Burnie	Draught	Roberts C Ross	Draught
Duns R Cuprona	Blood	Russen R O 30 Martland Street Launceston	Trotting
Dwell J F Calstock Deloraine	Draught	Schofield S S 41 Duke Street Sandy Bay	Trotting
Drench W & Son Whitemore	Thoroughbred	Scott Angus & Tunnack	Draught
Engell A I Forcett	Draught	Southernwood W J Mowbray	Blood
Engell J Forcett	Trotting	Stubbs Geo Liverstone	Draught
Engell John J Lea Free	Trotting	Sullivan J T Deloraine	Light Trotting
Gard H N Lea Free	Draught	SUTCLIFFE BROS, Cambridge	Thoroughbred
Garratt L Sheffield	Draught	Tucker C W Winnalah	Draught
Geater Thos Devonport	Trotting	Tuke E 30 Taylor Street Invermay	Trotting
Goss J D Ross	Blood	Van Dier sen s Land Co Burnie	Welsh Cob
Greig S Needles	Thoroughbred	Wadley E Reedy Marsh	Pony
Griegs J S Shipwrights It	Draught	Wainwright R C Montagu	Blood
Groves George Claitone	Suffolk Punch	Walker J S Clairville Cressy	Draught
Guthrie T W Merseyica	Trotting	Weaver J T Collins Street Hobart	Blood
Harman Bros Abotsham	Trotting	Webster L I Whitemark Flinders Island	Welsh Cob
Hartburg H J Lezerwood	Draught	White C H F Tottah	Trotting
Hartle H W Carr k	Trotting	Williamson Thos Bracknell	Draught
Hudson W Erie via Nabawa	Blood	Willoughby S Ross	Light
Huett J J Montara Len ana Junction	Trotting	Wilton Alfred New Norfolk	Light
Hutton M D Barrington	Draught	Woods H G Limgul	Trotting
Hutton M D Barrington	Trotting	Wynwood I W Bushy Park Karoola	Draught
Innott A Del ram	Draught		
Letts C L New Norfolk	Trotting		
Letts A H Southton	Draught		

Live Stock Men's Attention

should be fixed on Australia's vast Lands of fertile soil and splendid grazing on which large Herds and Flocks of Cattle and Sheep are always an unfailing source of income to the Breeder and Grazier. Excellent opportunities for the enterprising Farmer. Land obtainable in every State on attractive terms.

For full particulars apply to:

International Directory of Pedigree Stock Breeders,
23, Fleet Street, London.

Name and Address	Breed	Name and Address	Breed
Freearg J Janes Waerenga Auckland	Shorthorn	Goemment N Z Weraoa Central Development Farm	Fries an
Freeth W T Aukland	Jersey	Weraoa	Red Poll
French M T Bell Block Taranaki	Jersey	Craham H A Tahurangi North Auckland	(sp) Shorthorn
Frew Jas Andwagan RD Oamaru	Ayrsh re	Craham J H Wa tara Taranaki	Jersey
Friedlander M J Manurewa	Shorthorn	Craham S Ta korea Ialnerston North	Shorthorn
From n Bros Walton	Shorthorn	Crant A I O Box 42 Waimea	(r) Jersey
Fry Walter Otangawa Auckland	Shorthorn	Crant C T Hohna Southland	Shorthorn
Frye H E Lark Taranaki	Jersey	Grant Mrs D J C Oram Outram Otago	Red Poll
Fulton D A J Ta kahu North Auckland	Jersey	Grant James Woodville	Jersey
Fussell W B Oaklands Lperton	Shorthorn	Crant J A Puerua South Island	(s) Jersey
Effe W Weraoa	Shorthorn	Crant R A Strathconan Ialrie S Canterbury	Ayrshire
G		Crant S B Papakotloe Auckland	Shorthorn
Gaddles J H Morrinsville South Auckland	Jersey	Crant W Punho Taranaki	Jersey
Gadsby Mrs M A Stratford Taranaki	Jersey	Crant W R Tu ara South Island	Jersey
Gadsby S Stratford Taranaki	Jersey	Gray H Rukuh a South Auckland	Jersey
Gadsby T Te Aro	Jersey	Gray W J Okato Taranaki	(s) Jersey
Gallbraith S M Westmore Manawatu	Jersey	Green F V N Ih rst Taranaki	Jersey
Gallbraith A M Tahakopa South Island	Jersey	Green I W Stratford Taranaki	Jersey
Gallchan A J Rangitike	Shorthorn	Green H R Ka ranga	Fries an
Galt Alex Avonlea Morton Ma ns Southland	Ayrsh re	Green R C Peta North Auckland	Jersey
Gammun G A & Co Epsom North Island	Jersey	Green W W Swanson North Auckland	Shorthorn
Gann G E Omokoro South Auckland	Jersey	Greenway J J Barrett's Road New Plymouth	Shorthorn
Gapper H C Levin Manawatu	Jersey	Greenway G W Hucland North Auckland	Jersey
Gardner Bros Canvastown Nelson	Shorthorn	Greenwood J B Le LITTLE Omaha	Shorthorn
Gardner C T Private Bag Blenheim	Shorthorn	Greenwood J B Le LITTLE Omaha	Shorthorn
Gardner D Manakau Manawatu	Jersey	Greenwood T J Barrett's Road New Plymouth	Shorthorn
Gardner J Hukauu Hawke's Bay	Ayrsh re	Gregan J Frankton South Auckland	Jersey
Gardner The Cliffe Glen Southland	(s) Hereford	Gneg C T Spring Grove Nelson	Ayrshire
Garland J W Flat Lark Cambridge	Shorthorn	Gribble A C Otara Road Otahuhu Auckland	(p) Ayrsh re
Garland R N Okauia South Auckland	Jersey	Grindby A J Blenheim South Island	Jersey
Garlick H T Takamako, Hawke's Bay	(p) Jersey	Gronson H C Papakotloe North Auckland	Jersey
Garnier A E Otorohanga South Auckland	Jersey	Cneve R E Te Teko	Shorthorn
Garnier J P Alton Taranaki	Jersey	Griff th A Glen Oroua Manawatu	Jersey
Gask H Bros Waawa Opoki	Shorthorn	Griff th J C Woodville Auckland	Shorthorn
Geddes J Taup n South Auckland	Jersey	Griff th R Rotanga South Auckland	Jersey
George H H kaupokon Taranaki	Jersey	Griff th L New Plymouth Taranaki	Jersey
George W Mahoe South Auckland	Jersey	Grogg John Longbeach Canterbury	(sk) Fries an
Gerke C T Takanokotloe Taumarunui	Red Poll	Griggs H W H Carrington Carterton	Ayrshire
Germain W C Paterang South Auckland	Jersey	Grimmer F W Hoku Auckland	Jersey
Gibbons C G Ngare Taranaki	Jersey	Grimmond L Otara South Auckland	Jersey
Gibbons G T Ngare Taranaki	Jersey	Grimpton E Woodville Hawke's Bay	Jersey
Gibbs R Miru n Ferry South Island	Jersey	Grml H M Ra thi Manawatu	Jersey
Gibbs R C Manakau Westport, South Island	Jersey	Groves Bros Makomako Pabiatu	Shorthorn
Gibson Bros Riverlea Taranaki	Shorthorn	Gronows W Private Bag Kokohuhu Auckland	(r) Jersey
Gibson E H Okato	Shorthorn	Grubb C H Otago Taita ka para Auckland	Shorthorn
Gibson G Auroa Taranaki	Shorthorn	Gubb E M Port Albert North Auckland	Jersey
Giddy R F Lperton	Ayrshire	Guddep A R Westown New Plymouth	(p) Jersey
Gilbert Mrs A New Plymouth Taranaki	Jersey	Gundersen B Tataraoa Hawke's Bay	Jersey
Gilbert A H Lperton Taranaki	Jersey	Gunson S G Mauno Whangarei North Auckland	Jersey
Gilbert G H Southbridge South Island	Jersey	Guy A Palmerston North Manawatu	(sp) Jersey
Gilbert G W Mangawara via Woodville	Jersey	Guy W A Matapu Taranaki	Jersey
Giles J Wellford	Shorthorn	H	
Giles W E Clark ille South Island	Jersey	Haddeld G H Lindale Wellington	Shorthorn
Giles W H Monarale Cambridge	Shorthorn	Hagan R J Otara Ialway Manawatu	Jersey
Glan J Box 65 Dannevirke	Ayrsh re	Halsman J E Mangapapa G sborne Hawke's Bay	Jersey
Gland T East Taranaki	Jersey	Haldane J R Ba nham South Island	Jersey
Gles John Wellford	Red Poll	Hale A J Hillsborough Taranaki	Ayrshire
Glen J Ngara South Auckland	Jersey	Hale E L Hamilton South Auckland	Jersey
Glester W D M Auckland North Auckland	Jersey	Hale John New Plymouth Taranaki	Jersey
Glasgow Jos Taakau Auckland	Shorthorn	Hall A Fordell Manawatu	Jersey
Glasson W H G Drury Auckland	Shorthorn	Hall A C Ruah ne Manawatu	Jersey
Gleeson J New Plymouth Taranaki	Jersey	Hall A D Manahara	Shorthorn
Glynn O Morrinsville South Auckland	Jersey	Hall E H Rangitike	Shorthorn
Godfrey R B Hamia Iahiatu Hawke's Bay	Jersey	Hall F Edendale Southland	Ayrshire
Goed Perry S C Moromaku North Whangarei	Shorthorn	Hall G Koromatu South Auckland	Jersey
Goldrich G J O Box 9 Okarewa	(s) Jersey	Hall G D K-o-k	Mig Shorthorn
Good E B Kenhead North Auckland	Jersey	Hall George Auckland	Shorthorn
Goodfellow G J Wa hou South Auckland	Jersey	Hall H Fielding	Jersey
Goodin C F Hastings Hawke's Bay	Jersey	Hall J A Weraoa Manawatu	Jersey
Goodson Chast Hawera Taranaki	Jersey	Hall L Washdyke South Island	Jersey
Goodin B Waunamaku Tokanga	Shorthorn	Hall W Lepperton	Ayrshire
Goodwin J J Morrinsville South Auckland	Jersey	Hall W L Gaxton Hawke's Bay	Jersey
Goodwin W G Omaha South Auckland	Jersey	Hall W L Koromatu South Auckland	Jersey
Gorlion R H Trenchland Houna via Papakura	Ayrshire	Hall W J & Son Matatoka Thames South Auckland	Jersey
Gordon S C Junr Taup n South Auckland	Ayrshire	Hallen Dr A H Wa toa South Auckland	Jersey
Gordon S A Larkston Paerata	Ayrshire	Hallen Dr A Arapouhe North Auckland	Jersey
Cordon T H Wa hi	Mig Shorthorn	Halling W L Arapouhe North Auckland	Jersey
Gothorp Herbert Rototuna Hamilton Wa kato	(p) Red Poll	Hamilton Mrs C C Stratford Taranaki	Jersey
Gould E Bros Colville North Auckland	Jersey	Hamilton D R Puk kobe North Auckland	Jersey
Gough P Aukauere Manawatu	Jersey	Hamilton John Whenuak te Whitiara	Shorthorn
Gough H A K Turangaremoana Matamata S Auckland	Jersey	Hamilton J C R Te Aroha South Auckland	Jersey
Gould Bros Apiti Fielding	Shorthorn	Hamilton A Tann cronu North Auckland	Jersey
Gould N E Matamata South Auckland	Jersey	Hamilton J W Ka ranga Palmerston N Manawatu	Jersey
Goulter C S P Hawke's Bay H enbrim Marlborough (s)	Jersey	Hamilton R H J Napier Hawke's Bay	Jersey
Goulter E R Benhe m Marlborough	Mig Shorthorn	Hammer C H Wanganui St Dunedin Otago	Jersey
Goulton Chas Taumarunui Marlborough S Island	Jersey	Hancock R J W Taranaki	Jersey
Government Ruakura Farm of Instruction Hamilton	Shorthorn	Handley G H Rapanui Manawatu	Jersey
Wa kato	Ayrshire	Hann Mrs J Skinner Road Stratford	Shorthorn
Government Sunnys Le Mental Hospital Christchurch	(p) Shorthorn	Hann L F Skinner Road Stratford	Shorthorn
Government Tokanui Mental Hospital	Shorthorn	Hannab W Lower Manawatu Taranaki	Jersey
Government Wa kato Reformatory	Shorthorn	Hannam T W Maunga Karamea North Auckland	Jersey
		Hansch Bros Alfriston Manawatu Auckland	Jersey
		Hansmann F A Weraoa Manawatu	Jersey
		Hansen Bros Paraka H enbrim	Jersey
		Harcourte W H Lperton Main Masterton, Waikato	(s) Jersey

Name and Address	Breed	Name and Address	Breed
Hardcastle H C B Roturua South Auckland	(P) Jersey	Hishon M Centre Bush Southland	Shorthorn
Hardgrave W H Papanarangi Johnsonville Manawatu	Jersey	Hishon William P Oreti Southland	Shorthorn
Harding Alfred E Manawatu Hawke's Bay	(R) Shorthorn	Hobart L E Napier South Auckland	Jersey
Harding E P O Box 2 Woodville Hawke's Bay	(S) Red Poll	Hobbs W Hamilton South Auckland	Jersey
HARDING J W Woodville Wairarapa		Hobson Farm Ltd Wharepapa Auckland	Friesian
Hardne R W Tangowai Dargaville		Hodges James Rapanui Wanganui	Shorthorn
Harding S J & Sons Hineera South Auckland	Jersey	Hodges Josiah South Lohurn Rangiora	Shorthorn
Hare J C Cheltenham Manawatu	Jersey	Hodgkinson A Jersey Bank Takaka Nelson	(T) Jersey
Harkness C I Ascalon Waikato S Auckland	(H) Jersey	Hodgson Exors of T O, Rymington Tamahere Waikato	Friesian
Harkness E H Richmond Nelson South Island	Jersey	Hodgson R S Napier South Auckland	Jersey
Harkiss J G Wellington Manawatu	Jersey	Hodgson G & J C Waikapapa North Auckland	Jersey
Harkness W V Tairāhi Taranaki	Jersey	Holmann E Katikati South Auckland	Jersey
Harmo J Junr Netherton Thames	Jersey	Holmick A Te Awamutu South Auckland	Jersey
Harnis J A Junr Netherton Thames	Mkg Shorthorn	Holdaway E S Ballance Hawke's Bay	Jersey
Harper E Ngatere Taranaki	Jersey	Holdaway H V Ballance Hawke's Bay	Jersey
Harper R Otiorohanga South Auckland	(S) Jersey	Holden Bros Te Awamutu	Shorthorn
Harre Bros Box 15 Rata	Ayrshire	Holde H P P Matus Hawke's Bay	Red Poll
Harrington I Woodhill North Auckland	Jersey	Holland W E G Pongakawa Bay of Plenty	Shorthorn
Harris A J Bombay North Auckland	Jersey	Holland S J Rowan Taranaki	Jersey
Harris Mrs G M & H J Wharepoa South Auckland	Jersey	Hollingworth A Te Puna South Auckland	Jersey
Harris H C Kohukohu North Auckland	Jersey	Hollingworth R W Ardmore Papakura	Shorthorn
Harris J G Runcun an North Auckland	Jersey	Holmes D M Junr Pihama	Shorthorn
Hart J Jas Rorivun Bun Bay North Auckland	Jersey	Holmes E J Opunake	Shorthorn
Harris R I F Ruchai South Auckland	Jersey	Holmes W J Pukekohe North Auckland	Shorthorn
Harris R J Waiuku North Auckland	Jersey	Holmes W J Pukekohe	Mkg Shorthorn
Harris R W Marton Manawatu	Jersey	Holms A S Waimahaka Invercargill	(T) Hereford
Harrison & Harvey La Ora Station Omahau Waikato	Hereford	Holyoake H V Ruwaka Nelson South Island	Jersey
Hawkes's Bay		Honeyfield C E Hawera Taranaki	Jersey
Harrison R Kihono South Island	Jersey	Hood A W Otiorohanga South Auckland	Jersey
Hart J Tairāhi Thames	Friesian	Hooper A L Mahoe Taranaki	Jersey
Hart W Rata Rangitikei	Jersey	Hooper F H Piro Piro South Auckland	Jersey
Hartstone F B Te Rapa South Auckland	Jersey	Hooton W Albany Auckland	Shorthorn
Hartstone C Woodville Hawke's Bay	Jersey	Hopcroft W R Aokautere Manawatu	(S) Jersey
Harvey B W B R R Te Aka Waikato	Red Poll	Hope A Gleniti Timaru South Island	Jersey
Harvey J G Nara Taupiri South Auckland	Jersey	Hopkins H Box 6 Hineera Rotura Line	(P) Jersey
Hastell N C H Kaitake Taranaki	Jersey	Hopkinson M Kahi Waverley	Shorthorn
Hastings Mrs L Manutake Gisborne Hawke's Bay	Jersey	Hopson J H Lipperton Taranaki	Jersey
Hastall C H Kaitake (a terbury)	Friesian	Horn J Kuku Manakoa Manawatu	Jersey
Hastall H Southland Hastings	Shorthorn	Horn J G Ohau Manawatu	Jersey
Hawke C O N Witi te Taranaki	Jersey	Horn R L Ohau Manawatu	Jersey
Hawken & Hawker Mau a Whangarei	Shorthorn	Horne A Ohau Manawatu	Jersey
Hawcock G A Wroughtwater South Island	Jersey	Horne A P Buckland Auckland	Shorthorn
Haye J D Stratford Taranaki	Mkg Shorthorn	Horne William Stratford Street Auckland	Shorthorn
Hayes D D Otara North Auckland	Jersey	Hornig A V Manakoa Manawatu	Jersey
Hayes J W Kaitake North Auckland	Jersey	Horrack J W Karamata South Island	Jersey
Hayes I Drury North Auckland	Jersey	Horrobin N Levin Manawatu	Jersey
Haylock A N Stratford Taranaki	Jersey	Horracks Bros Makinuri Manawatu	Mkg Shorthorn
Haylock R Ngatere Taranaki	Jersey	Hoskin C Bell Block Taranaki	(S) Jersey
Hayne W R Manurewa South Island	Jersey	Hoskin Fred Manakoa Taranaki	Friesian
Hayward Mrs I The Beach Hawera	Shorthorn	Hoskin H W Manakoa Taranaki	Shorthorn
Hazard A S W Waimate North N Auckland	(P) Jersey	Hosking Charles J Wauku North Auckland	Jersey
Hazelton C W Hou South Auckland	Jersey	Hosking W C S Wauku North Auckland	Jersey
Hazelwood W C Northcote North Auckland	Jersey	Hosking W V Whareua Taranaki	Jersey
Healy J D Stratford Taranaki	Mkg Shorthorn	Houchen E C Ohapau Rd Hamiton South Auckland	Shorthorn
Head A W Manakoa Tairāhi	Jersey	Houl F Field ng	Jersey
Head C Mount Bruce Road Masterton Hawke's Bay	Jersey	Houston L C Te Awamutu South Auckland	Ayrshire
Heard & Co Tunganana Tairāhi	Hereford	Hlowat J Martinborough	Jersey
Heasley J C Longview	(S) Shorthorn	HOWA M Makotuku	Ayrshire
Henderson Mrs A Harro South Auckland	Jersey	Howell L J Paraparaumu Manawatu	Jersey
Henderson Bros Horsham Downs Hamilton South	Jersey	Howe L A Hawke North Auckland	Jersey
Auckland		Hudson A Levin Manawatu	Jersey
Henderson Jas Glenham Southland	Ayrshire	Hudson J Waima Masterton	(S) Jersey
Henry F J Matapu	Jersey	Huggins J Stratford Taranaki	Jersey
Henry F J Patutahi Hawke's Bay	Jersey	Hughes B W Waimana South Auckland	Jersey
Henry Mrs K Omata Taranaki	Jersey	Hughes R Whangarua Manawatu	Jersey
Henry R C Bell Block Taranaki	Jersey	Hull F Waimiri Auckland	Shorthorn
Henry S I Maara Te Aka	Ayrshire	Hull G B P O Box 1527 Wellington Hawke's Bay	Jersey
Henry W Strathgery Taupiri Waikato S Auckland	(P) Shorthorn	Hull G G Otara Wauku Auckland	Shorthorn
Henry J I Laparata Valley	(S) Jersey	Humphreys F E Wairoa Gisborne	Shorthorn
Henson Bros Field ng Manawatu	Jersey	Humphreys J E Marua Tairāhi Southland	Jersey
Henson J J Matapu Hawke's Bay	Ayrshire	Humphreys J T Riverina Taranaki	Jersey
Hewitt W Kaparua Hatahuna	Friesian	Hunt H A Stratford Taranaki	Jersey
Hewitt Bros Wharero Hei Tairāhi	Jersey	Hunt H H Rongotea Manawatu	Jersey
Hewitt D Norangi Manawatu	Jersey	Hunt Jas Kaitake Nelson South Island	Jersey
Hewitt A H Wairua Southland	Jersey	Hunter J O Box 10 Hawera Taranaki	Shorthorn
Hewitt M C Wairua North Auckland	Jersey	Hunter A M Hirst Taranaki	Jersey
Hewitt R C Wairua Tairāhi Southland	Ayrshire	Hunter A L 1 atetonga South Auckland	Jersey
Hewitt C C Wairua Wairua Westland	Red Poll	Hunter Bros Te Rowhai South Auckland	Jersey
Hewitt A G W Pte Aka South Auckland	Jersey	Hunter C Huarua Wairua via Dannevirke	Jersey
Hewitt John Otara Levin	Shorthorn	Hunter J Wairua Manawatu	Jersey
Hewitt J Hawera Tairāhi	Jersey	Hunter Paul Torangahua Hawke's Bay	Jersey
Hewitt A M Wairua Tairāhi	Shorthorn	Hunter S G Ohau Manawatu	Jersey
Hewitt J C Matapu	Mkg Shorthorn	Hurley D Oka wa Taranaki	Jersey
Hewitt J Wairua 2 Line Wairua	Shorthorn	Hussey G H C Box 60 Dannevirke	Shorthorn
Hewitt J Wairua Wairua Wairua	Ayrshire	Hutchison Bros Wairua Gisborne	Hereford
Hewitt A C Wairua Wairua Wairua	Jersey	Hutchinson C R & H Ltd P O Box 601 Tairāhi	Jersey
Hewitt A C Wairua Wairua Wairua	Jersey	Street North Auckland	Shorthorn
Hewitt A C Wairua Wairua Wairua	Shorthorn	Hutchinson H H Huanui Farm Whangarei	Jersey
Hewitt A C Wairua Wairua Wairua	Jersey	Hutchinson H G Tairāhi Wairua Pukekohe North	Jersey
Hewitt A C Wairua Wairua Wairua	Jersey	Auckland	Jersey
Hewitt A C Wairua Wairua Wairua	Jersey	Hye C M Kaitake Manawatu	Jersey
Hewitt A C Wairua Wairua Wairua	Jersey	Hye W J M Hays Clevedon	Jersey
Hewitt A C Wairua Wairua Wairua	Jersey	Hyland A Thornton South Auckland	Jersey
Hewitt A C Wairua Wairua Wairua	Jersey	Hyland H Hastings Hawke's Bay	Ayrshire
Hewitt A C Wairua Wairua Wairua	Jersey	Hyland J H Otara Wauku	Jersey
Hewitt A C Wairua Wairua Wairua	Jersey	Hyland J D Stratford Taranaki	Jersey
Hewitt A C Wairua Wairua Wairua	Jersey	Hyland A G Inglewood Taranaki	Jersey

Name and Address	Breed	Name and Address	Breed
I			
Inder Norman Rotare Piri Piri	Red Poll	Heatons Maurice Ka ranga	Shorthorn
Inger P W Manakau	(1) Jersey	Heat C T Fetherbert Bay	Jersey
Ingram S W Bute Manawatu	Jersey	Hebble C T Fetherbert West	Shorthorn
Insoll T B Hamiton South Auckland	Shorthorn	Heene H H Dargaville	Mkg Shorthorn
	Jersey	Keith A I O Box 63 Masterton Hawke's Bay	Jersey
Ireland Bros Goodwood House Goodwood Otago	(1) Shorthorn	Keith G W Pipiroa South Auckland	Jersey
Ireland R Cambridge	Jersey	Keabley P Springdale South Auckland	Jersey
Irvine B M Le Karanahape Road Auckland	Friesian	Kelly J R Tokonaru Manawatu	Jersey
Irvine M Kohukohu North Auckland	Jersey	Kelly J R Morrinsville South Auckland	Jersey
Irvine Mrs A M Puna North Auckland	Jersey	Kelson J Tamere South Auckland	Jersey
Irvine John Ash to Central Auckland	Shorthorn	Kemp H Tokoroa North Auckland	Jersey
Isdale J Weston Oamaru	Ayrshire	Kemp J D Awahuta Central North Auckland	Jersey
		Kemp W Orehunga North Auckland	Jersey
J		Kempthorne A T Whatawhata South Auckland	Jersey
Jaeger Mrs A Remuera North Auckland	Jersey	Kendall A H Private Hsg Wa tara Taranaki	(sp) Jersey
Jackson Wm Box 18 Waibou	Red Poll	Kestaly T Kimberley Avenue Epsom North Auckland	Jersey
Jaob W F & Son Te Marama I O Box 1 Kiwitea	Shorthorn	Kennedy D Morrvin South Canterbury	(1) Jersey
Fielding	(sp) Jersey	Kennedy F C Morrinsville South Auckland	Jersey
Jacks L W Herotui South Auckland	Jersey	Kenyon J G Morrinsville South Auckland	Jersey
Jacobs W H Christchurch South Island	Friesian	Kerr I J Konakoni Te Awamutu South Auckland	Jersey
James F A New Plymouth Taranaki	Jersey	Kilgour D H Kaitake Manawatu	Jersey
James J F Ngauru South Auckland	Jersey	Kilgour Sisters Kaitake Manawatu	Jersey
James J M Wanganui Masterton	Hereford	Kisby C Otaki Manawatu	Jersey
James R B Tairā Taranaki	Jersey	Kinberg J Raunimu South Auckland	Jersey
James R W Pukekohe North Auckland	Jersey	Kinnell Bros Box 17 Manunu	Red Poll
James Richard S Asparina Southland	Shorthorn	King F I Hautapu South Auckland	Jersey
James T G Te Aroha West South Auckland	Jersey	King F P Taranaki North Auckland	Jersey
James W T Otatutu Southland	Ayrshire	King J J Duke Street Invercargill	Jersey
Jamieson J H Pencourt Rural Cambridge	Friesian	King J M & Son Warkworth Auckland	Shorthorn
Jamieson W R Patetuanu, Bulls Manawatu	Jersey	King Robert Buckland Auckland	Jersey
Jansen M C Carterton Hawke's Bay	Jersey	King W J Otakou	Shorthorn
Jeffers W J Buckland Auckland	Shorthorn	Kinkoch W P Huxall North Auckland	Jersey
Jefferson E Alton Wairoa Hawke's Bay	Hereford	Kirkcaldy E Mrs N Wakanapa Wellington	(p) Jersey
Jellyman A Richmond South Auckland	Jersey	Kirkwood E J Stratford Taranaki	Jersey
Jenkins W J Fairview Wadlington Canterbury	(1) Shorthorn	Kirton F Papakura South Auckland	Jersey
Jennings F Wanganui Hawke's Bay	Jersey	Klennor J Kaitake Taranaki	Jersey
Jennings Mrs M A Maunacville Hawke's Bay	Jersey	Kneebone F A Turua South Auckland	Jersey
Jennings T A Rawahi Featherston	Jersey	Knight C 1 47 Panama Street Wellington	Shorthorn
Jensen C F Maungahau re Hawke's Bay	Jersey	Knight J J Papatoetoe	Shorthorn
Jensen J P Tabuna Morrinsville South Auckland	Jersey	Knight John Albany Auckland	Shorthorn
Jepson E D Awamutu South Auckland	Jersey	Knight S & Sons Oakes P O Box 10 Otago	(p) Friesian
Jewell W T Marotiri Manawatu	Jersey	Knight G B Tairā Taranaki	Jersey
Johanson J Waihou South Auckland	Jersey	Knowles W D Patra Taranaki	Jersey
Johnson Bros Prongia South Auckland	Ayrshire	Knox J C Junr Te Popo M thurst	Shorthorn
Johnson George Opaupou Kaipo	Friesian	Knox M M Te Popo Taranaki	Jersey
Johnson Leonard Eastland Stratford	Friesian	Knuckey W S Wa tara Taranaki	Jersey
Johnson Herbert E Tokoroa Hawera	Friesian	Kowhai Farm Ltd Parawai Thames	Friesian
Johnson P H Rawcliffe Pleasant Mt.	Ayrshire	Kuniger J Otago Taranaki	Jersey
Johnson A C Sheet Road Aurora	Shorthorn	Kurth J A & Son Adare Barrett Rd New Plymouth	(p) Jersey
Johnson A C Te Kapa	Jersey	Kyle W A P O Box 429 Palmerston North	Friesian
Johnson A T Waerenga South Auckland	Jersey		
Johnson A W Wa tara Taranaki	Jersey	L	
Johnson C F The Pines Feilding	(sp) Hereford	Lakes George H Awakino	Shorthorn
Johnson D E Taikorea	Shorthorn	Lamb A S Tatuana South Auckland	Jersey
Johnson J Gornig Palmerston North	Shorthorn	Lambie A Morrinsville	Ayrshire
Johnson Mrs W H Taupiri South Auckland	Jersey	Lancaster H J Glen Oropi Manawatu	Jersey
Johnson R J Runumana North Auckland	Jersey	Lancaster Harold J Levin Manawatu	Jersey
Johnson W Ngere Taranaki	Jersey	Lancaster L A Kopane RD Manawatu	Jersey
Johnson W G Taneatua Bay of Plenty	Shorthorn	Lancaster J R & A Palmerston North New Island	(1) Jersey
Johnson W J Private Bag Gore South Island	(1) Shorthorn	Landon J R D Papatoetoe North Auckland	Jersey
Johnston Wilfred Papatoetoe	Jersey	Lane Jas D Clevedon	Shorthorn
Johnstone Bros Waverley Manawatu	Jersey	Lane W H Kato North Auckland	Jersey
Johnstone D Awahutu Wanganui North Auckland	Jersey	Langley G T Lemmon Street New Plymouth	Ayrshire
JOHNSTONE J A Bushy Park Palmerston Otago (1)	Shorthorn	Larent W J Normanton Taranaki	Jersey
Johnstone W A Awhakere Tamaru South Island	Friesian	Larking W H Rabelu Taranaki	Shorthorn
Jolly Bros Aka Aka Waikato	Jersey	Larson B Matata Bay of Plenty	Shorthorn
Jones C A Northcote N Auckland	Jersey	Lassen C Hastings	Shorthorn
Jones C Oco Taranaki	Jersey	Laurenson J B Hawera Taranaki	Jersey
Jones C Woodville Hawke's Bay	Jersey	Law Bros Te Koroanga Shannon	(1) Shorthorn
		Law E Thornton Bay of Plenty	Shorthorn
Jones E C Midhurst Taranaki	Jersey	Law J O Taupiri South Auckland	Jersey
Jones G Halsewell Canterbury	Vikg Shorthorn	Law James Whittikahu Waikato	(1) Shorthorn
Jones Griffith Tairā Taranaki	Jersey	Lawrence C Pakaranga Bay of Islands N Auckland	(1) Jersey
Jones Harold Ma roa R.D. Te huti	Red Poll	Leach A B Sentry Hill Taranaki	Jersey
Jones J R Tairā Taranaki	Jersey	Leach W Mangarawa via Woodville	Shorthorn
Jones J S Bell Block Taranaki	Jersey	Leach R C Woodville Hawke's Bay	Jersey
Jones Mrs S Warea	Shorthorn		
Jones Thomas Te kowhai Auckland	Shorthorn	Leamy M Kaupai	Sh
Jones W Whangarei North Auckland	Jersey	Leamy I Kaupara RD Manawatu	Sh
Jordan H A Arawhata Road Otago Auckland	Jersey	Leasi M Eureka Waikato	(1) Jersey
Jorve E Kapuni Taranaki	Jersey	LECKIE W L Mrs Puna Wai, Fairlie, S. Can	
Julian W H Warea	Shorthorn	Lee W A Waitomo Caves	
Jull Mrs V S Te Kapa South Auckland	Jersey	Lees A J. Toko Taranaki	
Jury R C Tokoroa Taranaki	Jersey	Levion	
Jury W H Spotswood New Plymouth Taranaki	Jersey	Levie G L Lake P.	
		Leggett C	th A
K			
Kan L B Thornhill Wakaupaka Suburban Nelson	Shorthorn	Levi	ay
Karl J. Tairā Tairā South Auckland	Jersey	Levi	
Karsten W H Whakarewa	Ayrshire	Levi	
Kavanagh L Hawera Taranaki	Jersey	Lepper C B.	
Kay A A Karawahia South Auckland	Jersey	Lepper H. M.	
Kay Andrew Kaitake	Shorthorn	Levi, G.	
Kay W C Koroanui Waikato	Shorthorn	Levi, G.	
Kaye H J Toko Taranaki	(1) Jersey		

Name and Address	Breed	Name and Address	Breed
Levett C A J Ranfurly Road Feilding	Hereford	McEldowney Mrs J Spotswood New Plymouth	Jersey
Lewis Mrs E Breckwater South Island	Jersey	McFlawin J R Glenorchy Auckland	Shorthorn
Lewis G Hope South Island	Jersey	McLwen J C Takatubana	Shorthorn
Lewis C L Papanui South Island	Jersey	McEwen R Aorangi Manawatu	Jersey
Lewis H Wabaroa South Island	Jersey	McEwen W S Te Aike South Auckland	Jersey
Lewis H W Hawera Taranaki	Jersey	Macey W P Whitford North Auckland	Jersey
Lewis Mrs M A Waihou South Auckland	Jersey	McFarlane Jas & Son Kai Iwi Aorangi Feilding	(p) Ayrshire
Lewis R Glynn Ha Milton South Island	Jersey	McFarlane A Drummond Southland	(s) Mkg Shorthorn
Lewis R A Awakei Dargaville North Auckland	Jersey	McFarlane A Juno Haurapu South Auckland	Shorthorn
Lichtenstein Arnoldson & Co Box 43 O Connell Street Auckland	Friesian	McFarlane Lsate of D D Lyndon Waiuku Amuri North Canterbury	Hereford
Liggins J Tokomaru Manawatu	Friesian	McFarlane J A Clyde Road Napier Hawke's Bay	(s) Jersey
Lighthand W A Birkhwater South Island	Jersey	McFarlane J C Owaka South Otago	(s) Mkg Shorthorn
Lindsay Mrs A S Whatawhata South Auckland	Jersey	McFarlane W A Wa Terenu Hastings	AberdeenAngus
Linn J J Taneau South Auckland	Jersey	McGhee G R Kihikihi	Shorthorn
Linn A L Normansby Taranaki	Jersey	McGovern A Kio Koo King Country	(s) Shorthorn
Linn E J Normansby Taranaki	Jersey	McGovern F D Te Awamutu South Auckland	Jersey
Linn J J Normansby Taranaki	Jersey	McGowan John Wa iuku Auckland	Shorthorn
Linn L J Kitchener St New Plymouth Taranaki	Jersey	McGowan Thomas Kakariki Farm Waiuku	Shorthorn
Linn Thos Mangatiki Taranaki	Jersey	McGowan W Papatoetoe North Auckland	Jersey
Linneth I W Wharfedale Taranaki	Jersey	McGregor E Mangata Turukana	Hereford
Litchfield A S Havelock Bay	Ayrshire	McGregor J O Box 11 Waitotara	(s) Hereford
Litchfield Bros Ayrshire Downs Tairā	Jersey	McGregor J Awharupou South Auckland	Jersey
Lithgow J L Wanganui Manawatu	Jersey	McGure Mrs Ellen Lukekawa R M D Tuakau	Shorthorn
Little E P Okoro Manawatu	Jersey	McIlwrick Jas Browns P O Southland	Jersey
Livesey W W Burton Mota ka Nelson	(s) Jersey	McIndoe R Frankton Junction South Auckland	Jersey
Livingsstone H H Wa ika Manawatu	Jersey	McInnes G F Marara South Auckland	Shorthorn
Lloyd J Choe Hakeke Bay	Jersey	Macintosh A D Wanganui	Jersey
Lloyd T H G Dannevirke	(s) Shorthorn	McIntyre H Belding Manawatu	Jersey
Lockie T Kaipara Plains North Auckland	Jersey	McIvor J Iaterangi South Auckland	Jersey
Lockwood G F Himuka	Shorthorn	McKay A Okains Bay South Island	Jersey
Loftus D H Whenuakura Hawke's Bay	Shorthorn	Mackay A M Anautaranga Block Woodville	Shorthorn
Logan A Katarere Opotiki South Auckland	Jersey	McKay A W Waipu	Shorthorn
Logue J J T Hana Auckland	Red Poll	Mackay J Newstead South Auckland	Jersey
Lossel F T Log Bay Hawke's Bay	Jersey	McKay J J Herero South Island	Jersey
London W T Tauranga South Auckland	Jersey	McKenna M Masterton Hawke's Bay	Jersey
Long E Manua Taranaki	Jersey	McKenzie A Te Awhitu North Auckland	Jersey
Loughman T Woodhill North Auckland	Jersey	McKenzie Alex Otahuti Winton Southland	(s) Red Poll
Loughman C A Palmerton North	Shorthorn	McKenzie B U Strathgarnie Kai Iwi	Ayrshire
Low S D Invercargill a bridge	Shorthorn	McKenzie D S Pukeke Masterton	Hereford
Low E F I Levin Manawatu	Jersey	McKenzie G Mouni Waiata Taranaki	Jersey
Low G C Hastings Hawke's Bay	Jersey	McKenzie G R Carnarvon Manawatu	Jersey
Lowrie J F Mahurangi Auckland	Shorthorn	McKenzie J Woodlands Masterton	(s) Hereford
Lovell J W Westown N P Taranaki	Jersey	McKenzie J L Homakora South Auckland	Jersey
Lovell W Tongaporutu Taranaki	Jersey	McKenzie M A Private Bag Te Kuiti S Auckland	Jersey
Lovelock A C Glenmore Woodville Hawke's Bay	Jersey	McKenzie W Palmerston N Manawatu	Jersey
Lock W C Palmerston North	Jersey	McKinnon K Awarhina P Dargaville North Auckland	Jersey
Lowett W Stratford Taranaki	Jersey	McKiney James Kara North Auckland	Jersey
Lucas A D Urenui Taranaki	Mkg Shorthorn	McKinnon K S Wabaroa South Auckland	Jersey
Luke C L Te Puke South Auckland	Jersey	McKinnon J B Bombay North Auckland	Jersey
Luke F A Whakatu North Auckland	Jersey	McKinney J J Pukekohe North Auckland	Jersey
Luke T Clevedon North Auckland	Jersey	McKinnon J W Waiotara Manawatu	Jersey
Luke W J Northampton South Auckland	Jersey	McKinnon S C Pukekohe North Auckland	(s) Jersey
Lupton T Box 15 Waverley	Friesian	McKinnon G F Paterangi Ohapu South Auckland	Jersey
Lunnam H A Rangiatea Otorohanga S Auckland	Jersey	McLean C Waiuku North Auckland	Jersey
Lutze H A Kaitake Manawatu	Jersey	McLay J L Puri Turakina	Hereford
Luxton A J Onaka Taranaki	Jersey	McLennan D J Taupo	Shorthorn
Luxton W Waiuku South Auckland	Jersey	McLennan E D Fernhill Farm Papakura Auckland	(s) Jersey
Luxton W T Pukekohe South Auckland	Jersey	McLennan E D Fernhill Farm Papakura Auckland	(s) Mkg Shorthorn
Lye S Newstead	Shorthorn	McLeod A D Parkhurst Helensville	Shorthorn
Lyndon W T Auroa Taranaki	Jersey	McLeod D F Opotiki Tauranga	Red Poll
Lyons G Te Kiangi Mangatawhiri Valley Auckland	(s) Shorthorn	McLeod D Logan Woodhill Kaipara	Red Poll
M		McLeod Gregor Okara Wanganui	(s) Mkg Shorthorn
McAdam Bros Queenstown Otago	Ayrshire	McLeod H P Parkhurst Helensville	Red Poll
McAlon O Te Wera Stratford Taranaki	Jersey	McLeod Jos Hukumatua Tauranga	Shorthorn
McArdle G J Whakamata Wairoa Hawke's Bay	Hereford	McLeod & Little Helensville	Jersey
McArthur W G Glenorchy Auckland	Hereford	McLeod P J Helensville	Jersey
McAulay J W Okaihu Bay of Islands	Shorthorn	McElin T Kiritaki South Auckland	Hereford
McBean Geo Springfield South Canterbury	(s) Shorthorn	McElin A Kaitake Wanganui	Jersey
McBeth Geo Kaitake	(s) Shorthorn	McElin A H Sandon Rd Feilding Manawatu	(s) Jersey
McCallum J Opihi	Shorthorn	McNaughton P Morrisville Waikato	Jersey
McCallum J A Okaihu Taranaki	Jersey	McPhail J W Tokanaui South Island	Jersey
McCarroll H S J Woodhill Kaipara North Island	(s) Jersey	McPhail F M Otawa South Auckland	Shorthorn
McClean Mrs J & Son Kaiwaka North Auckland	Jersey	McPherson J Wellsford North Auckland	Shorthorn
McClune J A Puni North Auckland	Jersey	McPherson J E Clevedon	Shorthorn
McClure W J Edgecumbe Bay of Plenty	Friesian	McRAE COLIN Waipa	Jersey
McConaughy J Station Road Mangere Cross ng Otahuhu	Shorthorn	McRae F S Napier Rd Palmerston North Manawatu	Jersey
McConnon J W Aorangi Manawatu	Shorthorn	McTaggart J G Wyndham South Island	Shorthorn
McConrck J Matatiki Thames Valley	Jersey	McWhirter I Ellman	Jersey
McCullagh G F Cambridge South Auckland	Jersey	McDox W A Richmond South Island	Jersey
McCullough G H Ardmore Papakura Auckland	(s) Jersey	McDermott R Winchester South Island	Jersey
McCutchan O Glen Murray Waikato	Jersey	McDill W H 802 N Z Insurance Buildings Auckland	Jersey
McDermott A J Rotuna	Hereford	McDonald H Warea Taranaki	Jersey
McDonald Bros Otaki Southland	Shorthorn	McDonald J Longford South Island	Jersey
McDonald C Kororua South Auckland	Jersey	McDonald F T Awatuna Taranaki	Jersey
McDonald H Aorangi Feilding	(p) Ayrshire	Malone D P F Kaponga Taranaki	Jersey
McDonald D Fendale Estate Edendale Southland	(s) Shorthorn	Malone J J Riverlea Taranaki	Jersey
McDonald G A Parkhurst Helensville	(s) Shorthorn	Malby Miss U J Morris Street Tauranga S Auckland	Jersey
McDonald G R Cheviot South Island	Jersey	Mander A C Card H Taranaki	Jersey
McDonald J Waikato South Auckland	Jersey	Mander Mrs E E Tauranga South Auckland	Jersey
McDonald J R Levin Manawatu	Jersey	Mank E Makarau North Auckland	Jersey
McDonald L A Levin Manawatu	Jersey	Mannington A C Mangatapu North Auckland	Jersey
McDonald I J Winton Southland	Shorthorn	Mansell J J Bull Manawatu	Jersey
Mardonall R H Fendale Southland	Friesian	Marchant G A & Sons Card H Taranaki	Friesian
McDonald R H Waipa North Auckland	Jersey	Marr D Awak no 101 Dargaville North Auckland	Jersey
McDonnell Thos Otago	Shorthorn	Marsack Mrs F Otahuhu North Auckland	Jersey
McElwary Bros Ohapou South Auckland	Jersey	Marsall R Lower Kōkōtahi South Island	Jersey
		Mason W J Brunswick Manawatu	Jersey

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Name and Address	Breed	Name and Address	Breed
Risk J Box 34 Ohura	Red Poll	Schmidt P M Hirst Taranaki	Jersey
Robb J Western Manawatu	Jersey	Schnebel A Hawera Taranaki	Jersey
Robb W K Tatutaki G-borne Hawkes Bay	Jersey	Schnell H Lakes Jr Lewiston South Island	Jersey
Robert C C Palmerston North	Jersey	Schrafft C F Jr Walton	Red Poll
Robert W W Whakaranga Manawatu	Jersey	Schof H L H Rarimu R M D	Red Poll
Roberts B Parkvale Carterton Hawkes Bay	Milk Shorthorn	Scott Bros Ka para Plains North Auckland	Jersey
Roberts C Waioia Te Aroha	Milk Shorthorn	Scott D E Hawera Taranaki	Jersey
Roberts F T Te Aroha Auckland	Shorthorn	Scott David Waiaketo Southland	Shorthorn
Roberts L G Laisport Road Waihou Auckland	Hereford	Scott J T Opawa	Shorthorn
Roberts W J Riverslea Private Bag Dargaville Auckland	Hereford	Scott J M Tahanea Hawkes Bay	Jersey
Robertson A B Hawera Taranaki	Jersey	Scott J R Merton South Island	Jersey
Robertson J Haumoana Hawkes Bay	Jersey	Scott W Thames South Auckland	Jersey
Robertson J Te Kura Cambridge South Auckland	Jersey	Scott W Kaiahi South Auckland	Jersey
Robertson J G Eltham Taranaki	Jersey	Soven R S Manutahi Taranaki	Jersey
Robertson M Ngara South Auckland	Jersey	Searle John Ka paki Ohaupo Main Trunk Line	Shorthorn
Robertson R W Otiorohanga South Auckland	Jersey	Seay J S Ararimu North Auckland	Jersey
Robertson R W D Box 133 New Plymouth	Ayrshire	Seemboe Thomas Te Teko Auckland	Shorthorn
Robertson William Waiatana Tokunaru Bay	Aberdeen Angus	Seed G H Tahos Matamata South Auckland	Friesian
Robertson E A Son Natakani North Auckland	Jersey	Seed S M Cambridge South Auckland	Jersey
Robinson Bros Patetangi	Shorthorn	Seifer Walter Palmerston North	Shorthorn
Robinson A C R Mt Palm Rotherham Canterbury	Milk Shorthorn	Selby G H Waikuku North Auckland	Jersey
Robinson B R Manakau Manawatu	Jersey	Sergeant A W Riverhead North Auckland	Jersey
Robinson L L Hinuera North Auckland	Jersey	Seymour Mrs B W Patetangi Road Ohaupo South	Jersey
Robinson L Otaki Railway Manawatu	Jersey	Seymour G T Box 54 Blenheim	Jersey
Robinson W W Pukekohe East Auckland	Milk Shorthorn	Shalders H Whangarei North Auckland	Jersey
Robinson R Flat Creek Rai Valley South Island	Jersey	Shalloos S Opotiki South Auckland	Jersey
Robinson S J Hinuera South Auckland	Jersey	Shannon Mrs I Palmerston N Manawatu	Jersey
Robinson T E Wiri Taparotoe North Auckland	Jersey	Sharp C H Normandy Taranaki	Jersey
Robson W Aumakohu North Auckland	Jersey	Sharp H Matapu Taranaki	Jersey
Robson H Koroitara R D South Auckland	Jersey	Sharp J T Gordonston South Auckland	Jersey
Rodgers J A Douglas Taranaki	Jersey	Shattock W R K D Frankton South Auckland	Jersey
Rodmaki E Kelvin Grove	Shorthorn	Shaw Bros Marumaru Hawkes Bay	Jersey
Roebuck W M Rukuhia Auckland	Shorthorn	Shaw Bros Bombay North Auckland	Jersey
Roe F C A Sons Weraora	Red Poll	Shaw Mrs E M M Te Kaitake North Auckland	Jersey
Rogers G W Leitch	Red Poll	Shaw Mrs G A Clevedon North Auckland	Jersey
Rogers H Pukekohe North Auckland	Jersey	Shaw J Patetangi South Auckland	Jersey
Rogers H C Mangatoki Taranaki	Jersey	Shaw J G Mataitai Clevedon	Shorthorn
Rogers W Te Puke South Auckland	Jersey	SEAW S W New Plymouth Taranaki	Jersey
Rogers Mrs W A Kaitaki South Auckland	Red Poll	Sheard A Ureua Taranaki	Jersey
Rolfe A Inverc	Jersey	Shepherd E Otahuhu North Auckland	Jersey
Rolston R Junr Levin Manawatu	Jersey	Shepherd E R Matangara Whangara Auckland	Jersey
Rome Count von Brydson South Island	Jersey	Shepherd H Hamilton South Auckland	Jersey
Romley J F J Whakaranga Manawatu	Jersey	Shepherd J F Opunake Taranaki	Jersey
Roose E L Pukekohe North Auckland	Jersey	Sherriff J Otara North Auckland	Friesian
Roper Harry Wadens-Courtney Rural Canterbury	Jersey	Sherriff J Clarendon Temuka	Red Poll
Rose H J Blenheim South Island	Jersey	Shewry J E Kohurangi	Hereford
Ross Mrs M Spring Creek South Island	Jersey	SHORT Trustees Estate late E. Parorangi, Feilding	Hereford
Ross Mrs C F M Waverly Manawatu	Jersey	SHORT E C Mahu, Feilding	Hereford
Ross F C Huweta Manawatu	Jersey	Short J C Fitzroy New Plymouth Taranaki	Jersey
Ross J C Kaitake Manawatu	Jersey	Short J S T Scott Road Hawera Taranaki	Jersey
Ross Outram Wallemondah Wahi South Auckland	Shorthorn	Short P C Lowgarth Taranaki	Jersey
Ross W Manawaiti Foxton	Jersey	Shotter G R T Okato, Taranaki	Jersey
Ross W D Normansville South Auckland	Jersey	Shotter J M M Hirst Taranaki	Jersey
Rothel R Riverlea Taranaki	Jersey	Sumai A W Mangapu Ko South Auckland	Jersey
Roubton Bros Pukekohe North Auckland	Shorthorn	Silk & Haworth Main Place Wanganui	Shorthorn
Rout C H Cambridge	Jersey	Silverley G H Patetangi South Auckland	Jersey
Rout H J Manurewauro North Auckland	Jersey	Simcox W M Otaki	Shorthorn
Rowan F M Taylor Wanganui Manawatu	Jersey	Simkin S R Market Cross South Island	Jersey
Rowe P H Kio-Kio South Auckland	Shorthorn	Simmons C E Wanganui Manawatu	Jersey
Rowntree W J Waikerie Auckland	Friesian	Simmons G A Kopuku Mercer Auckland	Shorthorn
Royds G E Burnside Road Fendalton Christchurch	Shorthorn	Simmons W T Te Rapa South Auckland	Jersey
Royds J J 136 Straven Road Fendalton Christchurch	Shorthorn	Simons A E Inaba Taranaki	Jersey
Ruakere P Punho	Shorthorn	Simons F Paroti North Auckland	Jersey
Ruddick Robt Douglasdale Tanetua	Jersey	Simson W C Nukumaru Patua Manawatu	Shorthorn
Rumball H A Tairā Taranaki	Jersey	Simclair E Cheltenham Manawatu	Jersey
Rushin B Hampden Taranaki	Jersey	Singh C Patetangi South Auckland	Jersey
Rushion J Tatuani South Auckland	Hereford	Slack B H Manakau	Shorthorn
Russell S R A Hununu Hastings	Ayrshire	Slack J A S Breck Road Papakura	Ayrshire
Russell E A Woodville	Jersey	Slack W J Otaki	Shorthorn
Russo D Rolio-rangi	Hereford	Sloane H B Whangarei North Auckland	Jersey
Rutherford A W Mura Alfredon	Jersey	Sloane J H Omara Pukehuia P O via Dargaville	Hereford
Rutherford L Inverness Parnassus	Jersey	Sloane J H Turua	Shorthorn
Rutledge W H Mdh at Taranaki	Jersey	Small A E Storey Creek Palmerston North Manawatu	Ayrshire
Ryall G W A Arua South Auckland	Jersey	Small P Kairanga Manawatu	Jersey
Ryan Jas Otago Southland	Jersey	Smallbone E Nelson South Island	Jersey
Ryburn J B Patetangi South Auckland	Shorthorn	Smiedley F Private Bag Te Awamutu	Friesian
Ryburn J B Oaklands Ngahapouhi Ohaupo	Shorthorn	Smiley W H Inglewood Taranaki	Jersey
Ryder C A Tautau	Shorthorn	Smith A C Otorohanga South Auckland	Jersey
S		Smith A J Cardiff Taranaki	Jersey
Sadler W Manutake Hawkes Bay	Jersey	Smith Bros Ha mi, South Auckland	Jersey
Sainsbury D Pukekohe Hamilton	Shorthorn	Smith C Dyerville Hawkes Bay	Jersey
Sallway H Hua Brook Bell Block Taranaki	Shorthorn	Smith C Martindale Hawkes Bay	Jersey
Sampson H C Woodlands Hilsborough New Plymouth	Jersey	Smith C Te kowhai South Auckland	Jersey
Samson L Fencourt Cambridge South Auckland	Jersey	Smith C E Tolanga Bay Hawkes Bay	Jersey
Sandford T H Takarua North Auckland	Hereford	Smith D O The Lawn Hastings, Hawkes Bay	Jersey
Sandlands A J Belmontat Ratanu Kaitake	Shorthorn	Smith H S Bakaiaha South Island	Jersey
Sandlands B A W A Feilding Manawatu	Jersey	Smith P Tumanaru South Auckland	Jersey
Sanson A A Glen Oroua	Friesian	Smith F T Peraperauma, Manawatu	Hereford
Sanson S J Kio Kio South Auckland	Milk Shorthorn	Smith G, Matakohe, Kapara, Auckland	Jersey
Sansford I Waiaka Station Pukekohe	Milk Shorthorn	Smith, Dr G M, Kawerau North Auckland	Jersey
Saville F G Howell Downs, Fairlie S Canterbury	Jersey	Smith H K Martindale Wanganui	Jersey
Saville J J Cambridge South Auckland	Jersey	Smith J Urenui, Taranaki	Jersey
Saville W A J Cambridge South Auckland	Jersey	Smith J Wm, P O Box 73 Palmerston North	Jersey
Saxon Mas M R Stoke Nelson, South Island	Jersey	Smith J W Wanganui Estate	A
Sawell R Uru Taranaki	Jersey	Smith J C A Sons, Wairarapa South Auckland	Jersey
Schrober J Apateta Taranaki	Jersey		

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Name and Address	Breed	Name and Address	Breed
Tyler G R Spotswood Taranaki	Jersey	Watson J K Tatuanui South Auckland	Jersey
Tynan Bros Te Angra Au kland	Hereford	Watson John Ardgoan Annat Canterbury	Shorthorn
U			
Uhlenberg A Waipuku Taranaki	Jersey	Watson John Ederies Is Okere Railway	Shorthorn
Unwin S Stonerford Winchester S Canterbury	(p) Jersey	Watson T Wanganui Manawatu	Jersey
Urlick F J Takemata Taranaki	Jersey	Watt C Box 1 Cambridge	Ayrshire
Urquhart W C Tania South Auckland	Jersey	Watt G M Craignell Cambridge	Friesian
V			
Valder A R Manawhare North Auckland	Jersey	Watt P A Warapa Otago	(p) Jersey
Vanden R Opotiki	Shorthorn	Wattam R Fenouat Cambridge	(p) Jersey
Vautier R Whakaraunga	Shorthorn	Wearing S H Richmond South Island	Jersey
Vavasour H D Estate of the late Lgbrooke Marlborough	Blenheim	Webb Bros Heathlea Levin	Ayrshire
Veale B F Tiahoa South Auckland	(s) Jersey	Webb R Newbury	Shorthorn
Veale F S Canbridge South Auckland	Jersey	Webber H I Te Luke	Shorthorn
Vercos H A Te Puke	Shorthorn	Webby C B & L W Richmond South Island	Jersey
Vercos Innes Paengaroa	Shorthorn	Wedding W T Kaipara Island R D North Auckland	Jersey
Verry T H homini Hawke s Bay	Jersey	Weightman W T Awahuri Manawatu	Jersey
Vesper J F Matamata South Auckland	Jersey	Weinberg R Nhothio Taranaki	Jersey
Vesper Wm Dingley Dell Cambridge	Shorthorn	Weir A Heather Dells Kent Road New Plymouth	Ayrshire
Vickers A Blenheim Marlborough	(p) Mlg Shorthorn	Weir A M I dendale Southland	Ayrshire
Vickers W M Chilton Taranaki	Jersey	Weir R S Seaward Downs Southland	Jersey
Vincent A E Taupiri	Ayrshire	Weir W H Spreydon South Island	Jersey
Vincent J , Brunwood Cambridge	(p) Shorthorn	Wellington H Kihikihi	Shorthorn
W			
Waddell J M Hilton South Island	Jersey	Wellington I H Spotswood New Plymouth, Taranaki	Jersey
Wade Bros Atea Station Makaraka P O	Hereford	Wellington R Stratford Taranaki	Jersey
Wade W E , Turakina	Shorthorn	Wells A O New Plymouth Taranaki	Jersey
Wagstaff A A Waihou South Auckland	(p) Mlg Shorthorn	Wells B Henderson North Auckland	Jersey
Wagarapa Training Farm Masterton	Jersey	Wells C Wairoa Taranaki	Jersey
Waite C H Hopai Hanaki Plains South Auckland	Friesian	Wells H Whareroa Hawera Taranaki	Jersey
Waimataa Stud Farm (S W Norms Manager) Hobsonville Auckland	Jersey	Wells J A View Hill Oxford Canterbury	(sh) Hereford
Walkerin J W Kamo North Auckland	Jersey	Wells T H Awakino Point Dargaville North Auckland	Jersey
Walkerin I state of the late T Kamo Auckland	Shorthorn	Wellwood Mrs Mary Southland Road Hastings	Shorthorn
Walkerin T A Chilton Taranaki	Shorthorn	Welshy G Mangapere North Auckland	Jersey
Walker Mrs A Innes Kaitiaki	Mlg Shorthorn	Wesley Training College Paerata Auckland	(sp) Friesian
Walker A D Ngere Taranaki	Jersey	West T A Tikorangi Taranaki	Jersey
Walker Bros 45 Opotiki	Shorthorn	Westbrooke G V Manurewa North Auckland	Jersey
Walker E S Stratford Taranaki	Jersey	Western T H Bell Block Taranaki	Jersey
Walker Dr G Maunu North Auckland	Jersey	Weston A E Hawera Taranaki	Jersey
Walker J J O Box 26 Ohangai	Friesian	Weston Lt Col C H D S O Box 79 New Plymouth (sp)	Jersey
Walker Jas helvum Grove Iapukura Auckland	(sp) Shorthorn	Weston F W Uruti Taranaki	Ayrshire
Walker L C Makuriri Manawatu	Jersey	Wheeler A L Marton Manawatu	Jersey
Walker T F Wairoa Hawke s Bay	Jersey	Whewell Bros Tamahere Waikato	Friesian
X			
Walker Estate Waireka Junction Oamaru	Jersey	Whimp John J Wapakapa Auckland	Shorthorn
Wall E Railway Road Hastings	Hereford	Whitaker D T Wairoa South Auckland	Jersey
Wall Mrs J Railway Road Hastings	Ayrshire	White A Kaponga Taranaki	Jersey
Wall J P Ho Pao South Auckland	Shorthorn	White A Pakuranga	Shorthorn
Wall J F Martenborough Hawke s Bay	Jersey	White A A Wellesley St Auckland North Auckland	Jersey
Wallace H B Maungaturoto North Auckland	Jersey	White A E Valetta South Island	Jersey
Wallace H C Tamahere South Auckland	Jersey	White Geo H Box 19 Turua Hauraki Plains	Shorthorn
Wallace H W Huoroa Taranaki	Jersey	White John F Kamo Auckland	Jersey
Wallace J C Sixton Street Hamilton East	Ayrshire	White L H Tahuna	Shorthorn
Wallace W P Waverley Manawatu	Jersey	White W B Brookfield Takapau Hawke s Bay	Shorthorn
Wallis A H I O Box 84 Gisborne	Hereford	White W Kinross Oamaru Napier	Hereford Angus
Wallis Arthur Iapukura Auckland	Shorthorn	Whitehead A S Kimbolton	Mlg Shorthorn
Y			
Walsh M Makauri P O Gisborne	(s) Hereford	Whitehead F Cunninghams	(s) Shorthorn
Walsh R P Feilding Manawatu	Jersey	Whitelaw H J Woodville Hawke s Bay	Jersey
Walsh C L Onweroa Auckland	Jersey	Whiteman J M Wallaceville Hawke s Bay	Jersey
Walters F J Hikutaia South Auckland	Jersey	Whitford H E Brookby North Auckland	Jersey
Walters H E Springdale South Auckland	Jersey	Whitman J W The Needles Glenbrook P O	Shorthorn
Walton H J Tokatoka North Auckland	Jersey	Whittaker R Box 20 Palmerston North	Shorthorn
Ward A A Tairā Taranaki	Friesian	White J R Tokomaru Manawatu	Jersey
Ward John Manawatu Te Aroha	Shorthorn	Wickham A E Vogelstown Taranaki	(p) Jersey
Ward John Whangamano Te Ho Ohnawai	Shorthorn	Wickham Bros Pongakawa South Auckland	Jersey
Wardell C G Opapeke North Auckland	Jersey	Wickham H R Huoroa Taranaki	Jersey
Wardlaw T W Box 5 Waimana Bay of Plenty	Shorthorn	Wickham L New Plymouth Taranaki	Jersey
Wareham N D Hopefields Woodville	Ayrshire	Wickham W F Waitara Taranaki	Jersey
Waring L J Temuka South Auckland	Jersey	Wicksteed S H Stratford Taranaki	Jersey
Warman J T Hakikahi South Auckland	Jersey	Wiggins J C Mangahare Auckland	Shorthorn
Warrell I J Taumarunui	Shorthorn	Wiggins Mrs W A Stratford Taranaki	Jersey
Warren I J R Waipara Taranaki	Jersey	Wighton A M Porangahau Hawke s Bay	Jersey
Washburn F I Timaru South Island	Jersey	Wild R G Drury North Auckland	Jersey
Washburn Dr H O Richmond Nelson	(sp) Jersey	Wilkins A E Woodville Hawke s Bay	Jersey
Washer C H Scott Road, Hawera Taranaki	(p) Jersey	Wilkins T H Tanaha South Auckland	Jersey
Washer I A Okauwau Taranaki	(s) Shorthorn	Wilkinson A M P O Box 7 Green Island Dunedin	Friesian
Washer S A Teahua Hawera	Shorthorn	Wilkinson R F Pukekohe North Auckland	Jersey
Wathorn K Tututawa Taranaki	Jersey	Wilkinson S W Riverlands Blenheim South Island	(p) Jersey
Waterhouse C W Waverley Manawatu	Jersey	Williams Bros Meremere Taranaki	Jersey
Waterhouse R Ardmore North Auckland	Jersey	Williams Mrs C H Tokomaru Manawatu	Jersey
Waterhouse W H Ruinein an North Auckland	Jersey	Williams C M Kaipara S Canterbury	(p) Ayrshire
Waterston L A Te Kaitiaki Wairā	Ayrshire	Williams F L Bethlehem Tauranga South Auckland	Jersey
Watkin A F Takanihi North Auckland	Jersey	Williams G R Spotswood Taranaki	Jersey
Watkin D Takanihi North Auckland	Jersey	Williams P J Parakai Havelockville	Shorthorn
Watkin D M Mangaweroa Manawatu	Jersey	Williams R E , Kerevalua Hawera Bay	Jersey
Watson A J Taupiri Moeruaui South Auckland	Jersey	Williams T W Box 7 Manurewa Main Trunk	Friesian
Watson Dr J J Bulls Manawatu	Jersey	Williams V J Waiuku North Auckland	Jersey
Watson Mrs H H , Tararua Taranaki	Jersey	Williams W A , Napua South Auckland	Jersey
Watson J Okere Railway North Auckland	Jersey	Williams W T , Pukekohe Hawke s Bay	(p) Jersey
Watson J F , Spreydon, South Island	Jersey	Williamson S A Ohapupu South Auckland	Jersey
Z			
		Willis A R Kio Kio, Asanutu	Shorthorn
		Willis C A Pukekohe North Auckland	Jersey
		Willis C , Chas. Matapu Taranaki	Shorthorn
		Wilson A Rural Delivery Te Kaiti South Auckland	Jersey
		Willis J D Tai Tapu South Island	Jersey
		Wilson A , Johnsonville Manawatu	Jersey
		Wilson Bro Waima, Huntley	Red Poll
		Wilson C , Lorne Southland	Ayrshire
		Wilson E J , Poroporo Road Johnsonville	Jersey
		Wilson F C , Temahahi Te Awamutu, South Auckland	(s) Jersey
		Wilson G Hamish, Bulls, Manawatu	Jersey
		Wilson Geo. A , Puke Road, Lorne Auckland	Jersey

Name and Address	Breed	Name and Address	Breed
Conway M A Glenorchy Cheltenham	Romney Marsh	Durrant G Tairua Tahape	Romney Marsh
Copland A M Bak Valley St Andrew's S Canterbury	Bord Leicester	Duthie A F 121 Richardson's St St Clair, Dunedin	Romney Marsh
	Southdown	Duthie J A Lovell's Flat Milton Otago	Corriedale
Cook G L Whakapuni Hunterville	Romney Marsh	Dyke H V Mauku Pukekohe Auckland	Southdown
Cook H E Bryndorf Christchurch Canterbury	Corriedale	Dysart Robert Blind River Awatere Canterbury	Southdown
Cook J Riwaka Nelson	Romney Marsh		
Coope J O Kaunua Atabauba Banks Peninsula Canterbury	Leicester	E	
	Southdown	Edgcombe C R, Hatuma	Southdown
Cooper J O Spring Vale Little River Canterbury	Leicester	Edwards Jas A Otikerama Pukerua Southland	Bord Leicester
Cooper D J Ferridge Masterton	Southdown	Edgerton A D Ngatutu Tahape	Romney Marsh
Cooper Peter Gladstone Waipara	Southdown	Edgerton H B P O Box 172 Hastings	Romney Marsh
Cooper R A D Overshies Spotswood Canterbury	Corriedale	Edlin John Waipara Kaikoura Marlborough	Corriedale
Cooper Robt Gladstone Waipara	Southdown	Elgar C Box 4 Featherston	Romney Marsh
Cooper W R P Waikanae Gladstone	Southdown	Ellen L C A Son Sanson	Southdown
Coram J B Station View Waiapiti Central Otago	Corriedale	Ellis E W Hadron Wangarei	Romney Marsh
Corpe C E Cunningham	Romney Marsh	Elliot M L Glenavy Otago	Corriedale
Corpe J The Hill Wellington	Romney Marsh	Ellis Bros Box 2 Bulls North Island	Romney Marsh
Costello T Mason's Flat Haerenga Canterbury	Southdown	Ellis G J Surrey Farm Bulls	Romney Marsh
Cotterill Geo Paretai Clive Hawke's Bay	Romney Marsh		
Cottle A B Kopuaranga Masterton	Romney Marsh	Ellis John Hinds South Canterbury	Southdown
Coulter Mrs M O Iwakura North Auckland	Romney Marsh	Ellis Kinnell Manurewa	Romney Marsh
Coup Walter Eskdale's Canterbury	Corriedale	Ellis R C Stoke Nelson	Southdown
Courage F H Seadown Amberley North Canterbury	Romney Marsh	Ellis Bros Killymoon Bulls	Shropshire
Couser W Robinhood Maitara Island Southland	Bord Leicester	Elmhurst H B Geraldine South Canterbury	Corriedale
	Corriedale	Elworthy A S Holme Station Timaru S Canterbury	Leicester
Cow e A Valleyfield Hawarden Canterbury	Shropshire		
Cox Samuel P O Lindhurst Canterbury	Romney Marsh	England C F K Rural Delivery Cunningham	Romney Marsh
Coxhead A Te Karaka Whangamomona	Shropshire	England F H K Ridgeway Livingstone Hunterville	Romney Marsh
Craeford W J F Kaunua Hawarden Canterbury	Shropshire	England W F Tatu Otago	Romney Marsh
	Corriedale	Ensor C H St James Station Christchurch	Corriedale
Craig The late J J P O Box 22 Huntly	Romney Marsh	Ensor Edward Lammertmoor Domest Canterbury	Corriedale
Craig R C Motu Gisborne	Romney Marsh	Ensor Hugh Kakahuri Rangiora Canterbury	Corriedale
Craig Jas nes Howe Gore	Romney Marsh	Ensor The Estate of J H Kydal Downs Okuku North Canterbury	Corriedale
Craie T F Kaitake	Leicester		
Craw Victor Tipperary Pigeon Bay Banks Peninsula Canterbury	Romney Marsh	Ensor R W Bullock Creek Okuku North Canterbury	Corriedale
	Shropshire	Evans H A Woodleigh Kopuaranga	Romney Marsh
Crawford S Dalvey Tapanu	Romney Marsh	Evans H E Temside Rangiora Canterbury	Romney Marsh
Creswell L Ngaurunui Masterton	Romney Marsh	Evans John River Leigh Dipton Southland	Corriedale
Crispin R F Lulworth Havelock Sub Marlborough	Corriedale	Evans G T 61 Lennox Rd St Albans Christchurch	Corriedale
Cross A F Line Farm Benne's Canterbury	Shropshire		
Cross G E Cromwell Tapanui Mouth Otago	Corriedale	Evans Fzors of Thos Longbush Southland	Ryeland
Cross H G Claphamdale Oxford Canterbury	Shropshire		
	Southdown	Experimental Farm Mounahaki P O Box 46 Waverley	Southdown
Crosson C Willowpark Lighmoor Ashburton Canterbury	Corriedale	Eyre G A Rural Delivery Huntly	Leicester
Croy John T P O Box 48 Oxford Canterbury	Ryeland		
Cruckshank Bros Oakdale East Chilton R D Gore	Romney Marsh		
Cullen F E K Maungatapu North Island	Leicester		
Culling W H Box 18 Salway Warkworth Auckland	Romney Marsh		
Cunningham M Ss A B Westburn Brooks de Canterbury	Leicester		
Cunningham D J Bredwardine Hawarden Canterbury	Shropshire		
Currie G M Koutanui Kai Iwi	Romney Marsh		
		F	
D		Fagan H J Sanson	Southdown
Dagg H J Uppet Plain Masterton	Southdown	Fairweather J A Broadfield Amberley Canterbury	Leicester
	Southdown		
Dale S Conandale Fairlie S Island	Romney Marsh	Falcon A H Wanganui Masterton	Bord Leicester
Dalrymple R G Blair Athol Hunterville	Romney Marsh	Fanning A R Huiamania Tahape	Southdown
Daniel L T Wairere Masterton	Romney Marsh	Farley Bros Westmere Wanganui	Romney Marsh
Davey A J Waihoi Temuka S Canterbury	Romney Marsh		
Davidson E G Mangarata Daraville	Bord Leicester	Farmers A Box 5 Otahanga	Romney Marsh
Davidson W Box 18 Chilton Otago	Romney Marsh	Faulkner Exors of A J Murwai Gisborne	Southdown
Daymond H Waitangi Chatham Islands via N Z	Romney Marsh	Feast A C Carterton	Romney Marsh
Daysh D R Overholts East Tararua Masterton	Romney Marsh	Fechney L J Delos Westerfield Ashburton Canterbury	Shropshire
Deadman J E Motunui Nelson	Romney Marsh		
Deans Douglas Rowland Ford eld Canterbury	Southdown	Fenwick Mrs J H Marawaka Maheno Otago	Romney Marsh
Deans Jas Homebush Christchurch Canterbury	Corriedale	Fergusson L Lindo Northlands Estate Waimate North	Romney Marsh
Debbie W Box 41 Thames	Romney Marsh		
Denton A F Milburn Farm Domest North Canterbury	Corriedale	Fergusson T S & G Blairlogie Waiau Amuri Canterbury	Corriedale
Denton C A Box 26 Spry eld Canterbury	Romney Marsh	Fergusson W Whakapuni Hunterville	Southdown
Denton Henry Gerard Flat Domest Canterbury	Leicester	Field J C Homebush Gisborne	Romney Marsh
Dermar A L Stawley Feilding	Romney Marsh		
Dermar C G C Waipiko Cheltenham	Southdown	Fincham H E The Peaks Hawarden Canterbury	Corriedale
	Romney Marsh	Fincham Robert Fleetwood Ngapara Oamaru North Otago	Leicester
	Southdown	Findlay John Akauuni Eiffelton Ashburton	Corriedale
Devine W Palmerston North	Southdown		
Diack Miss J G Hillhead Farm Waikouaiti Otago	Bord Leicester	Findlay R G Miranda Franklin Waikato	Southdown
Dicks N W Otamita	Romney Marsh	Fleming J H Glenavy South Canterbury	Bord Leicester
Dolan P F Dore Rakau Canterbury	Bord Leicester	Fleming J R P O Box 15 Ngauruwhia	Romney Marsh
Donald J Westmere Wanganui	Southdown	Fleming John St Sebore Cheviot Canterbury	Leicester
Donald Quentin Tauherenui Featherston	Romney Marsh	Fleming Ties Kaitake Main Line Otago	Corriedale
	Southdown	Fleming W G Purimu Hawke's Bay	Southdown
Dunkin F L Woodbury Geraldine	Romney Marsh	Flint A R, Craigburn Box 42 Waimate South Canterbury	
Doole J Junn Pukekohe Tahape	Romney Marsh		
Doole Wm Pukekohe Tahape	Romney Marsh	Forbes J Wahi Farm Normanby Taranaki	Romney Marsh
Dorset F E Opaki Masterton	Romney Marsh		
DOUGLAS W Langdale Junction, Masterton	Southdown		
Dowling Lister of T Coniston Ashburton Canterbury	Southdown	Ford Bros Pine Hill Dunedin Otago	Southdown
	Bord Leicester	Ford John Maungati Timaru Canterbury	Corriedale
Dreadon C Rohia Toka Toka Auckland	Romney Marsh	Forges A des Fa chiall Box 156 Benken	Romney Marsh
Dron W D Spring Grove Nelson S Island	Ryeland	Forrester J B Heathfield Hawarden Canterbury	Corriedale
Drummond Alex Five Rivers Southland	Shropshire	Forstberg A Merry Creek Napierville West	Southdown
	Leicester	Fraser Bros Waiotia Waikare	Shropshire
	Lincoln	Fraser Robt, Tokanui Southland	Leicester
	Bord Leicester	Fraser W A Westwood Waddington Canterbury	Metton
Dun David Bonnell elds Last Chilton Rural Delivery Gore Southland	Bord Leicester	Freeland Bros Shireley Creek Palmerston North	Corriedale
Dunn T Ihiraua Mauriceville	Romney Marsh	Freeman H J Highbank Private Bag Rakau Canterbury	Southdown
Dunne James W Ageti Otago	Romney Marsh		
Dunlop D H Fincubush Southland	Bord Leicester		

Name and Address	Breed	Name and Address	Breed
Fulton & Garrett, H. O. Box 11 Dinedin	Romney Marsh	Hansen A. K. Morna Greytown North	Southdown
Fulton & Threllet, Scargill Hill Canterbury	Southdown	Harcroft W. H. Upper Ham Masterton Wairarapa (c)	Southdown
G			
Gallie W. M. Southbridge Canterbury	Southdown	Hartnell Alfred J. Manawatu Auckland (c)	Romney Marsh
Gaffney I. Belper Farm Temuka South Canterbury	Southdown	Hartnell J. Private Bag Dargaville	Romney Marsh
Gard R. H. R. Waiwaka Marlon	Romney Marsh	HARDING J. W. Mount Vernon Waiapukurua	Romney Marsh
Gardner Wm. Maw's Flat Wadsworth Canterbury	Corriedale	Hartne J. J. Box 101 of Hill Farm Woodville	Southdown
Galt Allan Mavis Bank Tuturua Maitara Southland	Romney Marsh	Hare G. C. Waverley Teitang	Southdown
Galt J. H. Mavis Bank Tuturua Maitara Southland	Romney Marsh	Harris Mrs M. L. Ten broke Vale Turakina	Southdown
Gardner John Rakia Canterbury	Romney Marsh	Harris N. Estate of H. J. Hollihit Rakia Canterbury	Bord Leicester
Gardner W. A. Private Bag Island Cliff via Oamaru North Otago	Romney Marsh	Harrison J. A. Swinlon Culverden Canterbury	Corriedale
Gardner C. The Cliffs Clifton Otaita (c)	Romney Marsh	Hartnell Geo. H. The Walls & Co. Lyndon Canterbury	Bord Leicester
Gardner D. H. The Cliffs Clifton Otaita	Romney Marsh	Hartley I. & Sons Tolanui Manawatu I. O. Tolanui Sound	Romney Marsh
Grange A. J. Taharua	Merino	Hartley N. A. Clva Bay Manawatu I. O. Tolanui Sound	Romney Marsh
Grange G. Snowden Inn Bag Christchurch Canterbury	Corriedale	Hathaway W. Tuna Mithurst Taranaki	Romney Marsh
Gibb Bros. Trentham Waimatuku Southland	Bord Leicester	Hawke D. J. & Sons Hawkins Canterbury	Leicester
Gibb S. B. Motunua Canterbury	Corriedale	Hawken C. J. Mokua Hawera	Southdown
Gibbs A. J. Porirua Tiki	Romney Marsh	Hawken O. J. 11 Han	Romney Marsh
Gibson Bros. North Tairā Otaita	Bord Leicester	Hawkins D. H. Private Bag Tolaga Bay	Romney Marsh
Gibson Hector Mahvern Downs, Tairā Otaita Central	Merino	Hay James C. pbell Glenallich Pigeon Bay Banks Peninsula Canterbury	Leicester
Gibson Jas. Tapakou North Otago	Corriedale	Haycock J. A. A. Cape River Martinborough	Corriedale
Gibson Wm. Private Bag Teitang	Romney Marsh	Haycock T. O. Martinborough	Corriedale
Giddens W. J. Greendown Canterbury	Ryeland	Hayes N. Nonnawale Hakatararua S. Canterbury	Corriedale
Giddens W. L. Lining South Canterbury	Ryeland	Hayhurst J. I. O. B. & H. Temuka Canterbury (p)	Ryeland
Gidven W. B. P. O. Box 93 Dargaville	Romney Marsh	Haylan I. State Rangi ran Canterbury	Corriedale
Gilbert C. G. Box 29 Southbridge Canterbury	Southdown	Healey L. I. Sunny Side Gore Southland	Bord Leicester
Gilchrist Alex. R. Rosebery I. O. Box 36 Oamaru North Otago	Bord Leicester	Heaney J. J. Maitara via Mairangi Wairarapa	Romney Marsh
Gillanders Alex. Mount Seddon Domett Canterbury	Corriedale	Hedley W. The Grange Opotiki	Romney Marsh
Gillon Patrick Greenpark Canterbury	Southdown	Hefferman S. L. Rock & Lillar Central Otago	Romney Marsh
Gimblett W. J. Box 121 Hastings	Romney Marsh	Henderson D. D. Box 2, Sanson	Southdown
Girding J. H. W. Hauna Wairoa Hawke's Bay	Romney Marsh	Henderson D. 31a Wicksteed Street Wanganui	Southdown
Glenys T. A. Tihokino Hawke's Bay	Romney Marsh	Henderson H. Homewood Fern Hatts Marton	Romney Marsh
Glover R. J. & F. Moutere Canterbury	Romney Marsh	Henderson T. H. The Homestead Horsham Downs Hamilton	Romney Marsh
Goffrey W. R. Daruna Eketahuna	Leicester	Henderson W. P. Wairua Bay P. O. via Picton Marlborough	Southdown
Goddif D. H. Wairua Bay Sounds County via Picton Marlborough	Romney Marsh	Hennum C. C. & B. A. Poukawa Hawke's Bay	Southdown
Goldfinch G. J. Box 9 Ohakune	Romney Marsh	Henry James Annet Canterbury	Southdown
Goodwin Bros. Otomoa Auckland	Romney Marsh	Henson Bros. Fielding Manawatu (c)	Romney Marsh
Gordon D. G. Taoroa Taihape	Romney Marsh	Henson & Green P. O. Box 11 Matawai Gisborne	Romney Marsh
Gorming F. R. H. Manston Queen Street Levin	Romney Marsh	Henson W. Marumaru Ash Hunt	Romney Marsh
Gorming H. H. Glenavon Masterton	Romney Marsh	Hewson T. D. Banks	Southdown
Gorton N. Tawera Fielding (p)	Corriedale	Herbert C. A. Dannevirke	Southdown
Gould R. The Hermitage Rotherham Amuri	Suffolk	Herbert Frank Box 31 Longara	Romney Marsh
Gould R. C. A. S. J. Hawkesbury Blenheim Marlborough (c)	Merino	Hewlett J. E. Mangamare	Romney Marsh
Government N. Z. Clifton Settlement Otago	Corriedale	Hewlett H. C. Mata North Auckland	Ryeland
Government N. Z. Weraoa Central Development Farm Weraoa	Ryeland	Hewlett E. E. Mata North Auckland	Romney Marsh
Gow Jas. Invermay Mosgel Otago	Bord Leicester	Higgins L. Ashley Belgrave Nelson	Romney Marsh
Grant A. J. P. O. Box 42 Waimate	Romney Marsh	Hight G. Hazelhurst Hororata Canterbury	Southdown
Grant D. Elthought Grange Timaru S. Canterbury	Romney Marsh	Hishon Richard Otatua Southland	Corriedale
Grant J. Limehills Southland	Romney Marsh	Hoban James Iatham H. I. Culverden Canterbury	Bord Leicester
Grant L. J. Kapunatiki Temuka S. Canterbury	Leicester	Hoban P. C. Woodgrove North Canterbury	Corriedale
Grant K. A. Strathconan Fairlie South Canterbury (c)	Romney Marsh	Hoban R. A. Culverden Canterbury	Suffolk
Gray A. & J. The Grange Masterton	Romney Marsh	Hocquard P. Te Puru 1 elorus South	Romney Marsh
Gray Bros. Fairburn Masterton	Romney Marsh	Hodgen J. H. W. Danmora Waitao Downs S. Canterbury	Southdown
Gray The late C. Waiohika Gisborne	Romney Marsh	Hodgkinson A. Jersey Bank Takaka Nelson (c)	Romney Marsh
Gray Jas. Rua Roo Dannevirke	Southdown	Hodgkinson C. Glenbrook Rural Mail Waiuku North Island	Romney Marsh
Gray W. Aorangi Fielding	Southdown	Hogg Thos. Ma Wero, S. Canterbury	Bord Leicester
Gray W. J. Okere Taranaki	Merino	Holden J. Rakatara Makutuku Hawke's Bay	Corriedale
Green Albert Ranleigh Wairua Valley Marlborough	Romney Marsh	Holgate H. Balclutha Otago	Romney Marsh
Green J. J. Ark Street Gore Southland	Romney Marsh	Holgate Henry Bangoo Balclutha Otago	Bord Leicester
Green L. I. O. Box 139 Blenheim Marlborough	Leicester	Holmes Franklin Rosedale Mills Invercargill	Ryeland
Greenwood G. D. Teitang Amberley Canterbury	Bord Leicester	Holmes Wm. H. Maitahi Estate Masterton	Romney Marsh
Grey Oliver Berrington Milburn Otago	Corriedale	Holmes S. G. Mt. Harding Methven Canterbury	Leicester
Grier C. H. Haldon Pastures Hororata Canterbury	Romney Marsh	Holmes A. S. Waimahaka Invercargill (c)	Romney Marsh
Grigg John Longbeach Canterbury	Corriedale	Hopcroft W. R. Aokutea Manawatu & W. Coast (c)	Romney Marsh
Grounds W. Private Bag Hokukohu Auckland	Romney Marsh	Hopkins C. L. Wainui Mains Peninsula Canterbury	Southdown
Groves T. H. Rural Mail No. 3, Eketahuna	Romney Marsh	Horne Alfred Clover Downs Norton Mains Southland	Bord Leicester
Gude Christian White Rock Rangiora Canterbury	Merino	Horrell B. C. Te Tua Southland	Bord Leicester
Guinness I. R. Farmleigh Lining Canterbury	Bord Leicester	Horrell J. E. Horrelville Canterbury	Corriedale
Gunn R. S. Racecourse Hill Darfield Canterbury	Bord Leicester	Hoult T. Romney Park Runciman	Romney Marsh
Guy, A. Palmerston North Manawatu (p)	Southdown	Houlston The late A. Sunnyside Kakapuka Otago	Romney Marsh
Hale C. Fairview Lyndhurst Canterbury	Romney Marsh	Houlston R. Broadback Kakapuka Otago	Romney Marsh
Halburton G. W. The Willow Hutatara Hawke's Bay	Leicester	Howard F. W. Glencairn Ashley George Road Oxford Canterbury	Corriedale
Hall Godfrey Terrace Station Hororata Canterbury	Ryeland	Hubber J. T. South H. H. Winton Southland	Bord Leicester
Hall J. D. & G. Hororata Canterbury	Romney Marsh	Hudson J. Waimini Masterton (c)	Southdown
Haltred W. J. Box 50 Pleasant Point S. Canterbury	Romney Marsh	Hughes G. M. Whenuakura Patea	Romney Marsh
Hammond R. D. Nguturu Huntville	Romney Marsh	Hughes H. N. Rycroft Kobi Waverley	Southdown
Hanson J. F. Brookdale Oreti P. O. Southland	Romney Marsh	Humphrey A. R. Makao	Southdown
Hendley C. D. Ngaru	Southdown	Humphries J. E. Marnus Tuturua Southland	Southdown
Hansen A. K. Morna Greytown North	Southdown	Humphries P. C. Maiton Wyndham Southland	Shropshire
Harcroft W. H. Upper Ham Masterton Wairarapa (c)	Southdown		
Hartnell Alfred J. Manawatu Auckland (c)	Romney Marsh	Hunt A. Box 19 Taradale	Romney Marsh
Hartnell J. Private Bag Dargaville	Romney Marsh	Hunt G. & A. Wairua Wakefield Nelson	Southdown
HARDING J. W. Mount Vernon Waiapukurua	Romney Marsh	Hunt G. & A. Wairua Wakefield Nelson	Romney Marsh
Hartne J. J. Box 101 of Hill Farm Woodville	Southdown	Hunt T. & Sons Highfield Wakefield Nelson	Leicester
Hare G. C. Waverley Teitang	Southdown	Hunt W. D. c/o Wight Stephenson & Co., Ltd. Wellington	Romney Marsh

Name and Address	Breed	Name and Address	Breed
Conway M A Glenorchy Cheltenham	Romney Marsh	Durrant G Taoroa Taihape	(c) Romney Marsh
Copland A M Esk Valley St Andrews S Canterbury	Bord Leicester	Duthie A F 121 Richardson St St Clair Dunedin	Romney Marsh
Cook G L Whakapou Hunterville	Southdown	Duthie J A Loyell's Flat Milton Otage	Corriedale
Cook H J Brynder Christchurch Canterbury	Romney Marsh	Dyke H V Maoko Pukekohe Auckland	(c) Southdown
Cook J Riwaka Nelson	Corriedale	Dysart Robert Blind River Awatere Canterbury	Southdown
Coop J O Kaikoura Atahua Banks Peninsula Canterbury	Romney Marsh		
Coop J O Springvale Little River Canterbury	Leicester	E	
Cooper D J Fernside Masterton	Southdown	Edgcombe C R Hatuma	Southdown
Cooper Peter Gladstone Waipara	(c) Southdown	Edgerton J A Oatarama Pukerau Southland	(c) Bord Leicester
Cooper R A D Overshels Spotwood Canterbury	Corriedale	Edgerton H B P O Box 112 Hastings	Romney Marsh
Cooper Robt Gladstone Waipara	Southdown	Elder John Waipapa Kaikoura Marlborough	Corriedale
Cooper W R I Waipara Cladstone	Southdown	Elgar C Box 4 Featherston	Romney Marsh
Coran J B Station View Waipia Central Otage	Corriedale	Ellem L C & Son Sanson	Southdown
Corpe C E Cunningham	Romney Marsh	Ellis F M L Haddon Whangarei	Corriedale
Corpe J The Hill Feilding	Romney Marsh	Ellis H L Glenary Otage	Romney Marsh
Costello T Mason's Flat Hawarden Canterbury	Southdown	Ellis Bros Box 2 Bulls North Island	Corriedale
Cotterill Geo Paratua Clive Hawke's Bay	Southdown	Ellis I J Surrey Farm Bulls	Romney Marsh
Cottle A B Kopuaranga Masterton	Romney Marsh		Rivland
Coulter Mrs M O Kaiwaka North Auckland	Romney Marsh	Ellis John Hinds South Canterbury	Southdown
Coup Walter Esk Valley S Canterbury	Shropshire	Ellis & Kinneil Manuau	Leicester
Courage F H Seadown Amberley North Canterbury	Corriedale	Ellis R C Stoke Nelson	Southdown
Couser W Robinswood Mataura Island Southland	Romney Marsh	Ellis Bros Killymoon Bulls	Romney Marsh
	Bord Leicester	Elmslie H B Cerial's Hill South Canterbury	Shropshire
Cowie A Valleyfield Hawarden Canterbury	Corriedale	Elworthy A S Holme Station Timaru S Canterbury (c)	Southdown
Cox Samuel P O Lyndhurst Canterbury	Shropshire		Leicester
Coxhead A Te Karaka Whangamomona	Romney Marsh	England C F H Rural Delivery Cunningham	Romney Marsh
Crafton W J F Kaikoura Hawarden Canterbury	Shropshire	England F H K Rudersway Livingstone Hunterville	Romney Marsh
	Corriedale	England W F Taitu Otage	Romney Marsh
Craig The late J J P O Box 22 Huntly	Romney Marsh	Ensor C H St James Station Christchurch	Corriedale
Craig R C Motu G-borne	Ryeland	Ensor Edward Lammemoor Donnet Canterbury	Corriedale
Craigie James Howe Gore	Romney Marsh	Ensor Hugh Rakahuru Rangiora Canterbury	Corriedale
Craime T E Hwiata	Romney Marsh	Ensor The Estate of J H Rydal Downs Okuku North Canterbury	Corriedale
Craw Victor Tipperary Pigeon Bay Banks Peninsula Canterbury	Leicester		
Crawford S Dalves Tapanui	Romney Marsh	Ensor R W Bullock Creek Okuku North Canterbury	Corriedale
Creswell E Neponui Masterton	Romney Marsh	Evans H A Woodleigh Kopuaranga	Romney Marsh
Crispin R T Lulworth Havelock Sub Marlborough	Romney Marsh	Evans H E Fernside Rangiora Canterbury	Bord Leicester
Cross A F Pine Farm Bennetts Canterbury	Corriedale	Evans John River Leigh Dpton Southland	Romney Marsh
Cr S G E Crossie Lk Tuapeka Mouth Otage	Corriedale	Evans O T 61 Leinster Rd St Albans Christchurch	Corriedale
Cross H G Claphamdale Oxford Canterbury	Shropshire		
	Corriedale	Evans Exors of Thos Longbush Southland	Ryeland
Crosson S Willowpark Laghmore Ashburton Canterbury (h)	Shropshire		Southdown
Croy John T P O Box 46 Oxford Canterbury	Southdown		Shropshire
Cru ckshank Bros Oakdale East Chatterton R D Gore	Corriedale	Experimental Farm Mounahaki P O Box 46 Waverley	Leicester
Cullen F E & Sons Maungaturoto North Island (c)	Ryeland	Eyre G A Rural Delivery Huntly	Ryeland
Culling W H Box 15 Salway Warkworth Auckland	Romney Marsh		Romney Marsh
Cunningham Miss A B Westbury Brookside Canterbury	Romney Marsh		
Cunningham D J Bredwarden Hawarden Canterbury	Shropshire		
Curne G M Koutanui Kai Iwi	Romney Marsh		
	(c)		
D			
Dagg H J Upper Plain Masterton	(c) Southdown	Tagan H J Sanson	Leicester
Dale S Conandale Fairlie S Island	Romney Marsh	Fairweather J A Bloomfield Amberley Canterbury (h)	Bord Leicester
Dalziel R G Blair Athol Hunterville	(p) Romney Marsh		Southdown
Daniell L T Wairere Masterton	Romney Marsh	Falloon A H Wangaehu Masterton	Romney Marsh
Davey A J Waitohi Temuka S Canterbury	Romney Marsh	Fannin A R Huiwanga Taihape	Southdown
Davidson S G Mangatapu Danargulu	Bord Leicester	Farley Bros Westmore Wanganui	Romney Marsh
David on W Box 18 Clinton Otage	Romney Marsh	Fanner A Box 5 Otorohanga	Southdown
Daymond H Waitangi Chatham Islands via N Z	Romney Marsh	Faulker Exors of J J Munwar Gisborne	Romney Marsh
Daysh D R Overton East Tairāhiti Masterton	Romney Marsh	Feast A C Carterton	Shropshire
Deasman J E Motupiko Nelson	Romney Marsh	Fechney L J Delos Westerfield Ashburton Canterbury	Romney Marsh
Deans Douglas Havelock Dunedin Canterbury	Corriedale	Fernex Mrs J H Marawaka Maheno Otage	Romney Marsh
Deans Jas Homebush Christchurch Canterbury	Romney Marsh	Ferguson G Lindo Northlands Estate Waipate North	Corriedale
Deeble W Box 41 Thames	Corriedale	Ferguson T S & G Blairmore Waiau Amuri Canterbury	Romney Marsh
Denton A C Milburn Farm Donnet North Canterbury	Southdown	Ferguson W Whakapou Hunterville	(c) Romney Marsh
Denton C A Box 26 Springfield Canterbury	Leicester	Field J C Homebush Gisborne	Corriedale
Denton Henry Dunedin Flat Donnet Canterbury	Romney Marsh		Leicester
Derner A L Stanway Feilding	Southdown	Fincham H E The Peaks Hawarden Canterbury	Corriedale
Derner C G C W Piko Cheltenham	Romney Marsh	Fincham Robert Fleetwood Ngapara Oamaru North Otage	Corriedale
	Southdown	Findlay John Akamu Effelton Ashburton	(c) Southdown
Devine W Palmerston North	Bord Leicester		Bord Leicester
Dick M S J G Hillhead Farm Waikouiti Otage	Romney Marsh	Findlay R G Miranda Franklin Waikato	Leicester
Dickson W Otamira	Bord Leicester	Flaming J H Glenavy South Canterbury	Romney Marsh
Dolan I F Dorie Rakala Canterbury	Southdown	Flaming R P O Box 15 Ngauruhia	Leicester
Donald J Westmore Wanganui	Romney Marsh	Flaming John St Scobie Cheviot Canterbury	Corriedale
Donald Quentin Tauberanika Featherston	(ch) Romney Marsh	Flaming Thos Kahiko Main Line Otage	Rivland
	Southdown	Flaming W C Purimu Hawke's Bay	Southdown
Doosku F L Woolbury Geraldine	Romney Marsh	Flint A R Cragburn Box 49 Waipate South Canterbury	Romney Marsh
Doole J Junr Pukekohe Taihape	Romney Marsh		
Doole Wm Lokeokahu Taihape	Romney Marsh	Forbes J Wahi Fano Normandy Taranaki	(ch) Romney Marsh
Dorset F I Opaki Masterton	Romney Marsh		Southdown
DOUGLAS W Langdale Junction Masterton	Southdown		Southdown
Douglas Estate of I Conston Ashburton Canterbury	Bord Leicester	Ford Bros Pung Hill Dunedin Otage	Corriedale
	Romney Marsh	Ford John Waikato Timaru Canterbury	Romney Marsh
Dreadon C Reha Toka Toka Auckland	Ryeland	Forges A des Fairhill Box 156 Blenheim	Corriedale
Dren W D Spring Grove Nelson S Island	Shropshire	Forrester J K Heatherdale Hawarden Canterbury	Southdown
Drummond Alex., Five Rivers, Southland	Leicester	Forrester A Herry Creek Maunserville West	Romney Marsh
	Lincoln	Fraser Bros Wairua Whangarei	Shropshire
	Bord Leicester	Fraser Robt Tokanui Southland	Leicester
Dun David Bonnell's East Chatterton Rural Del very	Bord Leicester	Fraser W A Westwood Waddington Canterbury	Merino
	Corriedale	Freeland Bros Shingley Creek Palmerston Otage	Corriedale
Dunn T Ib raua Maunserville	Romney Marsh	Iremean H J Highbank Private Bag Rakai Canterbury	(h) Southdown
Dunery James Moeiti Otage	Romney Marsh		Southdown
Dunlop D H Flaxbush Southland	Bord Leicester		
	(h)		

Name and Address	Breed	Name and Address	Breed
Fullton & the late H A P O Box 81 Dunedin	Romney Marsh	Hansen A & K Morna Greytown North	Southdown
Fullton & Garrett Scargill Hill Canterbury	Southdown	Harcroft W H Upper Plain Masterton	Wairarapa (c)
		Hartnoll Alfred I Manawhara Auckland	(c)
		Hartnoll J Private Bag Harareville	Romney Marsh
		HARDING J W Mount Vernon Waiuku	(c)
		Hartnoll John Lloyd 11 Arm Westville	Romney Marsh
		Hare G J Waverley Teitling	Southdown
		Harris Mrs M I Penbrooke Vale Turakina	Southdown
		Harris n Estate of H J Hollyist Rakata Canterbury	Bord Leicester
		Harrison J A Swinton Culverden Canterbury	Corriedale
		Hartnell Geo The Willows Clarendon Canterbury	Bord Leicester
		Hartley J & Sons Tokorua Manawatu P O Marlborough	Romney Marsh
		Hartley N A Cliva Bay Manawatu P O Tororua Sound	Romney Marsh
		Hathaway W Funa M Thirst Tararaki	Romney Marsh
		Hawke D J & Sons Hawkins Canterbury	Leicester
		Hawken C J M Kora Hawera	Southdown
		Hawken O J 1 Blham	Romney Marsh
		Hawkins D H Private Bag Tolaga Bay	Romney Marsh
		Hawkins H S Clarence Hamilton	Romney Marsh
		Hay James Campbell Glenfalloch Pigeon Bay Banks Peninsula Canterbury	Leicester
		Haycock J & A Cape River Martinborough	Corriedale
		Haycock T O Martinborough	Corriedale
		Hayes N Normandale Hakatararua S Canterbury	Shropshire
		Hayhurst J F P O Box 11 Temuka Canterbury (p)	Ryeland
		Haylan I Estate Raglan Canterbury	Corriedale
		Healey L I Sunny Side Gore Southland	Bord Leicester
		Healey J C Longburn	Romney Marsh
		Healey J L Ihurua via Maunacville Wairarapa (p)	Romney Marsh
		Hedley W The Grange Opotiki	Romney Marsh
		Helferman S L Rock & Pillar Central Otago	Romney Marsh
		Henderson D Box 2 Sanson	Romney Marsh
		Henderson D 39a Wicksteed Street Wanganui	Southdown
		Henderson J Homewood Fern Hills Canterbury	Romney Marsh
		Henderson T H The Homestead Hornham Downs Hamilton	Romney Marsh
		Henderson W P Waitara Bay P O via Picton Marlborough	Romney Marsh
		Hennum C & B A Pookawa Hawkes Bay	Southdown
		Henry James Anna Canterbury	Shropshire
		Henson Bros Feilding Manawatu	Southdown
		Henson & Green P O Box 11 Matawai Gisborne	Romney Marsh
		Henson W Marumaru Ash Hunt	Romney Marsh
		Henwood T A Canterbury	Southdown
		Herbert C A Dannevirke	Southdown
		Herbert Frank Box 31 Pongaroa	Romney Marsh
		Hewitt J E Mangamare	Romney Marsh
		Hewlett H C Mata North Auckland	Ryeland
		Hewlett H E Mata North Auckland	Romney Marsh
		Hewley E E Mata North Auckland	Romney Marsh
		Higgins L Ashley Belgrave Nelson	Romney Marsh
		Hight G Harehurst Hororata Canterbury	Southdown
		Hibson Richard Otatutu Southland	Corriedale
		Hoban James Farham H II Culverden Canterbury	Bord Leicester
		Hoban P C Woodgrove North Canterbury	Corriedale
		Hoban R A Culverden Canterbury	Suffolk
		Hodgson P Te Puru Pelorus Sound	Romney Marsh
		Hodgson J H W Dannevirke Waipaoa Downs S Canterbury	Southdown
		Hodgkinson A Jersey Bank Takaka Nelson	Romney Marsh
		Hodgkinson C Glenbrook Rural Mail Waiuku North Island	Bord Leicester
		Hogg Thomas Ma Wairoa S Canterbury	Corriedale
		Holden J Rakautaki Nakotuku Hawkes Bay	Romney Marsh
		Holgate H Balclutha Otago	Romney Marsh
		Holgate Henry Banago Balclutha Otago	Bord Leicester
		Holmes Franklin Rosedale Mills Invercargill	Ryeland
		Holmes Alfred Clover Downs Estate Masterton	Romney Marsh
		Holmes S G Mt Hards Melburn Canterbury	Romney Marsh
		Holms A S Waimahaka Invercargill	Romney Marsh
		Hopcroft W R Aokautere Manawatu & W Coast (c)	Romney Marsh
		Hopkins C L Maunui Banks Peninsula Canterbury	Southdown
		Horne Alfred Clover Downs Morton Mans Southland	Bord Leicester
		Horrell B C Te Tua Southland	Bord Leicester
		Horrell J E Horrevorts Canterbury	Corriedale
		Hoult T Romney Park Runciman	Romney Marsh
		Houston The late A Sunnys de Kakapuaka Otago	Romney Marsh
		Houston R Broadbaird Kakapuaka Otago	Romney Marsh
		Howard F W, Glencairn Ashley George Road Oxford Canterbury	Corriedale
		Hubber J T South Hillend Winton Southland	Bord Leicester
		Hudson J Waimui Masterton	Southdown
		Hughes G M Whenuakura Patra	Romney Marsh
		Hughes W N Ryecroft Kohi Waverley	Southdown
		Hume H T Lantidown Masterton	Southdown
		Humphrey A R Makino	Southdown
		Humphries J E Maruru Tuturau Southland	Southdown
		Humphries P C Malton Wyndham Southland	Shropshire
		Hunt A Box 19 Taradale	Romney Marsh
		Hunt G & A, Wantwood Wakefield Nelson	Romney Marsh
		Hunt, T & Sons Highfield Wakefield Nelson	Leicester
		Hunt W D, c/o Wright Stephenson & Co Ltd Wellington	Romney M

[illegible]

Name and Address	Broad	Name and Address	Broad
McCulloch J G 909 Bealey Avenue Christ church	Southdown	McRae W W Waituna Waikari Canterbury	Merrino
McCulloch J H R Iernell Hill Napara North Otago	Bord Le ester		Cornedale
McCulloch C H Ardmore Papakura Auckland	Romney Marsh	M R tiche N Vatsker Creekston	Romney Marsh
McCurry J Sealown Temuka S Canterbury	Dorset Heen	Merry Lett D Danneke re	Southdown
McDonald A Clervinche	Southdown	McMinn D A C Rolleston Weirons Courtney Canter	(A)
Macdonald L R Low Hill Chest Canterbury	Cornedale		
Macdonald J L George Street Masterton	Romney Marsh	Madley J & S Applevale East Eyreton Canterbury	Southdown
Macdonald J H Box 24 Dpton F O Southland	Romney Marsh	Magson W I Rakaiia Canterbury	Cornedale
Macdonald K C Dannevirke	Southdown	MaDonald Dr A C Fort Levy Banks Penins La Canterb ry	Le ester
Macdonald M R Lowery Hill Christ h rch Canterbury	Cornedale	Malcolm C Te Rewa Apt	Romney Marsh
Macdonald J Eden K Otapou Whaitapu Southland	Bord Le ester	Manawatu W W Wakarua Clarend n Otago	Romney Marsh
Macdonald W M Tairātea Oamaru North Otago	Bord Le ester	Marshall G H Newlyn Co The Marakowha	Romney Marsh
Macdonald Wm The Pines Walfover Southern l	Romney Marsh	Takenawa v Ta marunui	Le ester
MacDoo al Bros Dunblay Waiau	Cornedale	Marsha l Da al Fernw xella Walaan wa Southern l	Southdown
MacDouga K E k w tea	Romney Marsh	Marshall G L Greenbank Marton Wellington	Shrophshire
MacDouga K E Brookdale Jamnatus N Canterbury	Merrino		Shrophshire
MacEwan Robert Tokanui Southland	Southdown	Marshall Jas L Oporo Southland	Romney Marsh
MacEwen H N Tairātea Palmerston North	Cornedale	Marshall W n Kocklanis Warapa Otago	Southdown
MacEwen T Harver Longburn	Romney Marsh		Southdown
MacFarlane A Drummond Southland	Bord Le ester	Mart n D Apt	Romney Marsh
MacFarlane Estate of D D Lyndon Watuu Am n	Southdown	Mart N Late John Mart northorough	Cornedale
North Canterbury	Southdown	Mart N K J Ashburton Canterbury	Le ester
MacFarlane G & Son Wood ile	Southdown	Mart N Thomas Rotokuta Au land	Romney Marsh
MacFarlane H M Waikora Waimea S Canterbury	Cornedale	Masters A W Pukeyoto Auckland	Southdown
MacFarlane J A Cl de Road Napier Hawkes Bay	Romney Marsh	Masters H R Ohakea	Le ester
MacFarlane J C Owaka South Otago	Bord Le ester	Matheson Duncan Carrington Carterton Wellington	Cornedale
MacFarlane J F Hawkswood Christchurch N Canterbury	Cornedale		Romney Marsh
MacFarlane J S Spring Creek Canterbury	Southdown	Matheson James Papamoa via Hunua N Auckland	Romney Marsh
MacFarlane John Otahou Homestead Wa mate S Canterbury	Southdown		Romney Marsh
MacFarlane Leslie R Ka wara Culden Canterbury	Le ester	Matheson R & J Ka ranza	Romney Marsh
	Merrino	Mathews W J Bar T tokok Hawkes Bay	Cornedale
McGill J Broad Street Palmerston North	Romney Marsh	Mathewson W m Kokonga Otago	Romney Marsh
McGovern A K o k o k u n Canterbury	Southdown	Mathews A Waracourona Featherston	Southdown
McGregor A Wanganui Masterton	Southdown	Mathews W M Mangatani Cubes	Romney Marsh
McGregor Mrs E L Masterton	Southdown	Matthews H A Iapohati Featherston	Romney Marsh
MacGregor F L 194 Bealey Avenue Christchurch	Cornedale	Matthews H B Ohurungai Kaiaira Mangouni Auckland	Romney Marsh
MacGregor Gregor P O Box 14 Waitotara	Southdown	Matthews J M Awahuri	Romney Marsh
McGregor J Junior Wanganui Masterton	Romney Marsh	Mathews N Wharepara Featherston	Romney Marsh
Macintosh D No 1 Line Wanganui	Southdown	Mathews R Rogers Foxton Featherston	Romney Marsh
McIntosh John Woodhouse Farle e South Canterbury	Bord Le ester	Nelson L P O Box 3 Christchurch	Romney Marsh
McIntosh K P O Box 33 Kaiapo Canterbury	Romney Marsh	Max A L Stonehurst Brightwater Nelson	Romney Marsh
Macintosh W Waite Road Waiaua Rangiora Canterbury	Cornedale	Maze G S Kakapuka Otago	Bord Le ester
MacIntyre W m & Sons Glen Affric Wa para	Cornedale	Maze J Invermay Pleasant Point South Canterbury	Cornedale
McIntyre H P Hopetown Maitland Otago	Cornedale		Romney Marsh
McKay A West Bush Road Burnside Masterton	Romney Marsh	Mears Bros Walton Waikato	Shrophshire
McKay D Waiver Matawai	Romney Marsh		Bord Le ester
McKay David at Ashburton Methven Rural Canterbury	Romney Marsh	Mee J P D Oak Hill Levels Timaru S Canterbury	Romney Marsh
McKellar Bros Gretna Balfour Southland	Bord Le ester	Mee T H Prospect Farm Beck's Central Otago	Romney Marsh
McKelvie C Wyndham Ridge Wyndham Southland	Romney Marsh	Meeklen J Chavrelville Wa rapa	Romney Marsh
McKenzie A Otahuti Winton Southland	Bord Le ester	Mene G H Paritutu	Southdown
McKenzie D Greenville Waikata	Romney Marsh	Mernel ed James & Sons Box 621 Seddon Marlborough	Bord Le ester
McKenzie E D Brung Bungie Pomahaka	Romney Marsh	Mernik N G E Hatuma	Southdown
McKenzie G Fernhill Masterton	Romney Marsh	Meyers L E East Oxford Canterbury	Bord Le ester
McKenzie J Okia Ha Bay of Islands	Romney Marsh	Middleton T S Northern Station Cromwell Otago	Merrino
McKenzie J Junr Fairlie Flat Broadwood Hokianga	Romney Marsh	Milleder Bros Willowbank Mandeville Southland	Romney Marsh
McKenzie J Woodlands Masterton	Southdown	Miller J C Woodbury S Canterbury	Southdown
McKenzie K A W Rototi Oparau Auckland	Romney Marsh	Miller James Waivera Maungatua Otago	Bord Le ester
McKenzie K G Green Bush Centre Southland	Bord Le ester	Miller John Waivera Maungatua Otago	Bord Le ester
McKenzie R A Wilson Lane Palmerston North	Southdown		Romney Marsh
McKenzie R D Myrtle Kopuaranga	Southdown	Mills & Mills, EN Bay Pelorus Sound Marlborough	Cornedale
McKerchar Bros Heatherlie Wa Wero S Canterbury	Bord Le ester	Milidon E B B rch Hill Rang ora Canterbury	Merrino
McKillop Estate the late J J Good and's Masterton	Southdown	Milner W H W n Bunnythorpe	Romney Marsh
McKinney J M Rendale Ohangawai Wa kato	Romney Marsh	Mitchell The late J Drim novan Shannon	Romney Marsh
McKnight Dav d Carlwene Palmerston Otago	Cornedale	Mitchell J Hoplands, Woodville Hawkes Bay & East	Southdown
McKnight Matthew Braendie Otterhua Otago Central	Cornedale	Coast	
MacKay S C Paleringhi Ohapou	Romney Marsh	M t hett J A Burnsde Longburn	Romney Marsh
McLachlan P M D Patea Otago	Southdown	Mitchell J H Kenwyn Stuidhoine Junc S Canterbury	Bord Le ester
McLaren D M D Pateora Otago	Romney Marsh	Mitchell J R Parkside Veston Oamaru N Otago	Bord Le ester
McLaren Douard Chevrot	Cornedale	Mitchell W Fernies Pahiatua	Romney Marsh
McLaren S Huakura Martinborough	Romney Marsh	M t elson Hon E Customs Street Auckland	Romney Marsh
McLaren W F Te Raingumutua Masterton	Southdown	Moffatt Bros, Blink Bonn e Bal iutha Otago	Romney Marsh
McLennan C F Racknock Renwick Old Road Blenheim	Southdown	Monckton O M Hamilton	Romney Marsh
Marlborough		Monrad O Monrods 68 Grey Street Palmerston North	Romney Marsh
McLaughlin G A Longview Culverden Canterbury	Southdown	Mouro, H W Bankhouse Waipori Marlborough	Cornedale
McLeod K Gore	Romney Marsh	Moody Dr A S Saudey Central Otago	Cornedale
McLean A Pn ate Bag Dannevirke	Romney Marsh	Noore Bros Box 53 Carterton	Romney Marsh
McLean D H Gunn Hammonds	Romney Marsh	Noore Geo Epapama Masterton	Romney Marsh
McLean J H Box 7 Marton	Romney Marsh	Noore H A Kapunga Canterbury	Cornedale
McLean K D Maraekakaho, Hawkes Bay	Le ester	Noore J A Forebank, Havelock Sub Marlborough	Romney Marsh
McLean R K Rakaiia Canterbury	Le ester	Noore John Junr Raupana Canterbury	Cornedale
McLennan E D Ferns g Farm Papakura Auckland	Southdown	Morrin Thomas Box 63 Seddon Marlborough	Le ester
	Romney Marsh	Morris H Thornden Windchime Ashburton Canterbury	Shrophshire
McLennan Ewan Ashburton Methven Rural Canterbury	Shrophshire	Morris J H Makohu Hawkes Bay	Romney Marsh
McLeod A Paraka Helienville	Romney Marsh	Morrison L S Pouri Bank Dorset Canterbury	Southdown
McLeod H P Parkhurst Helienville	Romney Marsh	Morrison P The Oaks Dark field Canterbury	Bord Le ester
McLeod John G Gairdrie Otago	Cornedale	Morris B Spring Grove Eketahuna	Romney Marsh
McLeod M A Taonui Fielding	Romney Marsh		Southdown
	Southdown	Mortimer W Waipomana via Riversdale Southland	Bord Le ester
MaLeod M A Colvton	Southdown	Morton A C Pak n Pemberton	Romney Marsh
MaLeod Murdoch Haurangi Martinborough	Romney Marsh	Morton W K Motu ra Siverhope	Romney Marsh
	Southdown	Mosley J R veries Clydevale Balclis ha	Romney Marsh
McLeod W R Walmaire Takapanu Hawkes Bay	Romney Marsh	Mousney Estate of J A Newhall Oxford Canterbury	Southdown
McNaughton P Morris au Waikato	Southdown	Mowat J Castlerock Pleasant Point South Canterbury	Romney Marsh
M N ol Arch & Co Clevedon Auckland	Le ester	Mui head J Awarua Southland	Cornedale
	Le ester	Murhead J H Lambton Ashburton	Shrophshire
McPhedran D T Connoor Farview S Canterbury	Bord Le ester	Murhead D Churchieles Darfield Canterbury	Cornedale
M Pherson James, Palmerston, Otago	Bord Le ester		Romney Marsh
		Mullins F Whirfed Ardmore Auckland	Romney Marsh

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Name and Address	Breed	Name and Address	Breed
Tweed A Tekotu, Milton Otago	Romney Marsh	Wheeler A L Leeds to n, Marton	Romney Marsh
Tweed R M Burnham Canterbury	Romney Marsh	White James A Ahaura Creymouth Westland	Southdown
Twest C E Greencroft Hawkes Bay	Southdown	White Leonard Balaire Rakia Canterbury	Romney Marsh
U		White W Littledale Woodgrove North Canterbury	Corriedale
Upton T L Box 96 Ashburton Canterbury	Shropshire	Whitecombe E Meetapoor Eketahuna	Romney Marsh
V		Whitehead F Cunningham (c)	Romney Marsh
Vaughan E J Manikiri Wanganui	Southdown	Whyte Bros Tokunaru	Southdown
Vaughan Estate of the late H D Ugbrooke Blenheim	Shropshire	Wilke E Cairn Brae Culverden Amuri Canterbury	Ryeland
Marlborough		Wilkinson C C Huxham Featherston	Southdown
Vennell F H Richmond Rewa via Feilding	Romney Marsh	Wilkinson H C Huxham Western Lake Featherston	Romney Marsh
Vickers W G Box 4 Levin	Southdown	Wilkinson H J Tahora via Stratford	Romney Marsh
Vile A C Bulls	Romney Marsh	Williams Bros Coventry Gisborne	Romney Marsh
Vile C E Pukenu Bulls	Southdown	Williams Bros Muruwa Gisborne	Southdown
Vile T R Ohinga	Romney Marsh	Williams H L Kaiwairua Featherston	Romney Marsh
Viles W J Apt	Romney Marsh	Williams J H Broadlands Ellesmere Canterbury	Romney Marsh
Voss M & Sons P O Box 6 Longburn	Romney Marsh	Wilson Mrs G V Brookdale Becks Central Otago	Corriedale
Voyce H Matira Te Kuiti	Romney Marsh	Wilson E Grand View Blackstone Hill Cen. Otago	Romney Marsh
W		Wilson S Watuna West	Romney Marsh
Wadsworth Bros Warwick Downs Otago Southland	Romney Marsh	Wilson H No 1 Rural Route Featherston	Romney Marsh
Wagland The Exors of C Wiltonbank Masterton	Southdown	Wilson Alex Otake North Otago	Bord Le cester
Wagner F A Doyleston Rural Mani Canterbury	Romney Marsh	Wilson E J Porirua Road Johnsonville	Romney Marsh
Waldegrave Bros Awapuni Longburn	Shropshire	Wilson E M Rowander Clevedon Auckland	Leicester
Walker E R Pakarua Bay of Islands	Romney Marsh	Wilson Mrs G V Brookdale Becks Central Otago	Romney Marsh
Walker James Melvin Grove Papakura Auckland (cp)	Leicester	Wilson J 163 Esplanade New Brighton Canterbury	Southdown
Walker The late James Plimmerton	Romney Marsh	Wilson J G Rosevale Mt Tait North Waikato	Romney Marsh
Walker Peter Box 62 Palmerston Otago	Bord Leicester	Wilson Jas Waingawa Rural Delivery Masterton	Southdown
Walker Wm Ligonui Farm Opotiki	Romney Marsh	Wilson S r Jas G Nga o Bulls	Shropshire
Wall Frank R vers de Marlborough	Southdown	Wilson John Downshire Farm Lauder Otago	Romney Marsh
Wall Percy F H Netagui Hatuma	Southdown	Wilson John Rangara Canterbury	Corriedale
Wallis L Thornecombe Te Awamutu	Romney Marsh	Wilson Meredith Halkett Canterbury	Southdown
Walsh M Makauru P O Gsborne	Romney Marsh	Wilson R V Brookdale Farm Becks Central Otago	Romney Marsh
Walton & Danson Brooklyn Chev of Canterbury	Corriedale	Windle W Porirua	Romney Marsh
Ward Arthur The Braes Southdown S Canterbury	Bord Leicester	Wingate John Longburn	Romney Marsh
Ward The late H Turanganui Featherston	Southdown	Wink J D F Caverhill Cheviot Canterbury	Corriedale
Warrington V C R Wyke Southbridge Canterbury	Southdown	Withell Bayly Ealing South Canterbury	Ryeland
Washbourn Dr H O Richmond Nelson	Southdown	Withell W Taling Canterbury	Ryeland
Watson William Waimotu Maheno North Otago	Bord Leicester	Wood Mrs L Elizabeth Dundalk Strat on Beaumont, Otago	Corriedale
Wat Bros Cone Peak Cromwell Otago	Mernio	Wood James Rongoma Hu roa Taranaki	Corriedale
Watt P A Wapara Otago	Romney Marsh	Woodhouse J W Charing Cross Canterbury	Leicester
Watts G F Landbourne Blenheim Marlborough	Mernio	Wood T P Grovelly Woodbury S Canterbury	Leicester
Watts Herbert Willoughby Rural Ashburton Canterbury	Shropshire	Woodward Bros Mount Albert Auckland	Romney Marsh
Webb Joseph Box 15 Taihape	Southdown	Woolston Tanneries Ltd Christchurch Canterbury	Southdown
Webber W T French Bay Nelson	Romney Marsh	Wootton F Aircraft Private Bag Taumarunui	Romney Marsh
Weggy W H Paraparaumu	Romney Marsh	Worp Bros Wanganui	Southdown
Wegman W E Awahuri	Mernio	Wright D G Winghamere Ashburton Canterbury	Leicester
Weld E A Flaxbourne Private Bag Blenheim Marlborough	Romney Marsh	Wright H F Riversdale Dunsandel Canterbury	Mernio
Wells H Pukearua Taranaki	Romney Marsh	Wright J W Darfield Rural Mail Kimberley Canterbury	Southdown
Wells J A View Hill Oxford Canterbury	Southdown	Wyle Jas Wa roa Maheno North Otago	Bord Leicester
Wells S Gordon Downs H Wapara Belgrave Nelson	Bord Leicester	Y	
Wesley Tra o n College Paerata	Romney Marsh	Yarr Edward Greepark Canterbury	Southdown
Westnara D W Camla Dunsandel Canterbury	Corriedale	Young F M Brooklands Winchester S Canterbury	Leicester
Weston Lt Col C H DSO Box 9 New Plymouth (cp)	Romney Marsh	Yule G E Featherston	Romney Marsh
Weston Walter C Frankley Road New Plymouth	Southdown		

Pigs.

Name and Address	Breed	Name and Address	Breed
A		Barker H C Ardmore Papakura Auckland	Berkshire
Agricultural College Feilding Feilding	(c) Berkshire	Barnett G H Greenmeadow Leiston Canterbury	Berkshire
Agriculture Dept of Ruakura Farm of Instruction	(c) Berkshire	Barnett S G Mangapara RD T rau S Auckland	Berkshire
Hamilton	(c) Berkshire	Baton S C c/o J C Hutton (N Z) Ltd Box 69	Large White
Agricultural College Hawkesbury	(c) Tamworth	Baynall E H Box 1 Mangawai	Berkshire
Allen J H P O Box 3 Tikorangi Taranaki	(c) Yorkshire	Bayliss W H Netherpton Hauraki Plains	Tamworth
Anderson C W Tamak House Kihimarama	Tamworth	Benton H B Mount View Whareroa Road Hawera,	Tamworth
Anderson R Ohakea Bulls	Berkshire	Taranaki	Berkshire
Ashworth H Boundary Road Palmerston North	Large White	Berry G A Manua Taranaki	Berkshire
Attwood J Walton Waikato	Berkshire	Buckner W P & Son R dgelands Feilding	Berkshire
Auckland Mental Hospital Auckland	Large White	Buckle A F Whatawhata Waikato	Tamworth
Autvergne L C Waikato Forks Canterbury	Berkshire	Binghamhurst A R Armadale Maxwelltown Wanganui	Berkshire
B		Bishoprick G H Te Puke Bay of Plenty S Auckland (c)	Berkshire
Baker E W Horua Downs Waikato	Tamworth	Bolton L W Box 10 Heleyns	Berkshire
Banks Mrs A & Son Woodstock Kaitake Manawatu (c)	Tamworth	Bowen & Wilson P O Box 62 Hastings Hawkes Bay	Tamworth
		Byer C Kelsey Tatuana Moririia	Large White
			Berkshire

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Name and Address	Breed	Name and Address	Breed
O			
Oakley & Oakley, Hkara Lc n	Large Black	Thames Hosp tal Board, Ba ille Street Thames	Berksh re
Ogle I Normandy	Tamworth	Thompson J, South Road Hawera	Tamworth
P			
Palmer M Normandy	Tamworth	Thorne Mrs F Pukerua Ca bnd,e	Large Black
Parker J L Bell Block Taranaki	(c) Berksh re	Topham A Heron Road Morrinsville	Berksh re
Patterson A V Hunua, via Papakura Auckland	Berksh re	Topham J W Holmvale Te uka S Canterbury	(c) Berksh re
Pill J Wab Road Hawera Taranaki	(c) Berksh re	Treger N C Aurora Hawera	Berksh re
Powell N W Paeraua via Naitanata Auckland	Berksh re	Turner R R Aongateke Tauranga	Tamworth
Prier L N Karaka Papakura	Berksh re	Turner W H Aongateke Ta ranga	Tamworth
R			
Reed The Hon V H Ra tau	(c) Berksh re	U	
Reilly C F P O Box 9 Takaka Nelson	Tamworth	Unwin S Stonycroft Winchester South Canterbury	(c) Berksh re
Renn E G Netherby Taupiri	Berksh re	V	
Renn E W O Rushbrook Doyleston Canterbury	(s) Berksh re	Vernall, L R Frankton Junction	Berksh re
Revell J A Sous Palmer Road Hongong Taranaki	Berksh re	Vickers A Blenheim Marlborough	(c) Berksh re
Rice A Webb Te Rehunga via Dannevirke Hawke s Bay	Berksh re	Vincent J Bruntwood Canterbury	(c) Berksh re
Rimmer N W Parakau via Helensville Auckland	Berksh re	W	
Roach T J Whatawhata Hamiton	Tamworth	Wairarapa Training Farm Masterton	(c) Berksh re
Robertson O Matapu Taranaki	Large Wh te	Walker Jas Kelly n Grove Papakura Auckland	(c) Berksh re
Robertson R W D Box 133 New Plymouth	Large Black	Ward F Common Rutal Del very Te Aroha West	Berksh re
Rock J Suvaurott Te kauwhata Waikato	Large Wh te	Ward G B Washorne Road Wairoa	Berksh re
Rogers Estate of E Oakdale Ngamawhata Waikato	Berksh re	Washbourne F I Timaru South Island	(c) Berksh re
S			
Russell J A Blythwood Gillespie s Lane Palmerston North	(c) Berksh re	Washbourne D H O Richmond Nelson	(c) Berksh re
Salway H Hua Brook Bell Block Taranaki	Berksh re	Washer C H Scott Road Hawera Taranaki	Berksh re
Sampson H C Woodlands H Isborough New Plymouth	(c) Berksh re	Waterson Bros Opt s Feilding	Tamworth
Saule F G Horwell Downs Fairlie S Canterbury	(c) Berksh re	Watkins J D Puni Pukekohe	Tamworth
Shepherd Bros Puni Pukekohe	Berksh re	Wattam R Fencourt Cambridge	Berksh re
Shipton H M Whakanara	Berksh re	Wellington F Tuna Midhurst	Tamworth
Sn h D O The Lawn Hastings Hawke s Bay	(c) Berksh re	Wemyss Russell W Ayrliegh Rver Rd Ngaurawhia	(c) Berksh re
Smith C Box 93 Huntley	Berksh re	Wesley Training College Paeraua Auckland	Berksh re
Smith Dr G M Rawene N Auckland	(c) Large Wh te	West W L Woodville	Tamworth
Smith M Walton Farm Thames Valle	Large Black	Weston Lt Col C H DSO 10 Box 79 New Plymouth	(c) Berksh re
Smith R A Te Po Mata uata	Berksh re	Weston H G Tangowhene Dargaville	Tamworth
Smith W A Sbtion Opotiki via Tauranga	(c) Berksh re	Wilkinson S W Riverlands Blenheim S I land	(c) Large Wh te
Stent D Otara Ohingaiti	Large Black	Williams C M Kaiaipo N Canterbury	Berksh re
Stephen E P Chyandour Hakah Taumaranu	Berksh re	Williams W J Putaruru Hawke s Bay	Berksh re
Stewart D Hornum Taranaki	Berksh re	Wilson R J Putaruru Matamata Auckland	(c) Large Wh te
Stewart J M Tahuna Morrinsville S Auckland	Berksh re	Wood Jas Rangomat Huiora Taranaki	(c) Berksh re
Storer C E Haupa ha para Loe	(c) Berksh re	Wren N H Takara Hawera	Tamworth
Stricker J H P O Box 14 Torkoroa	Berksh re	Y	
Sutherland N J Clevedon S via Papakura Auckland	Berksh re	Yelich G E P O Box 9 Waikato Auckland	(c) Berksh re
Swier S I Vtoma Valle Auckland	Berksh re		

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A		B	
Alexander Alex Waerley Wanganui	Clydesdale	Carruthers Andrew Netherpton Ngapuna Central Otago (s)	Clydesdale
Alexander W J Te Awau uiti Waikato		Chatterton E J Dunstable	
Allison Alex Clarke De Otago		Clarke H E Menzies Ferry Southlands	
Ashworth Bros S Itou		Clinton W J Darfield Canterbury	
		Collins A V Homewood Otane Hawke s Bay (s)	
		Coop J O ka tuna Atahua Banks Peninsula Canter (s)	
		Copland Alex Timaru	
		Coubrough & Hamiton Heko	
		Crosson Samuel Willowpark Lahmhor Ashburton Canter (s)	
		Cullen Alexander Avenue End Goodwood	
		Cunningham Trustees of W B Brookside	
B		D	
Barnett G H Greenmeadows Leeton Canterbury (p)		De an, W Rose n Timaru	
Bathgate & Tracey Outram Otago		Dack John C Wakaoua Otago	
Beckett R L Martin Junction Rangitike		Dick E D W Box 16 Mataura (c)	
Begbie J C Te Kowhai Waikato (c)		Doak W J Wakanu Ashburton Canterbury	
Berg A Chas. Waka Downs Pukeawa Balclutha Otago (s)		Donald Quentin Tauberan kau Featherston (s)	
Bell T J Wheatstone Ashburton Canterbury		Donaldson G H Hibi He Otago Peninsula	
Berry J G Te Kaiti		Dow J Lee Creek Outram Otago	
BLAIR J W Abbotford Farm, Outram, Otago (s)		Duck T Orini Wakaoua	
Boaz John near Middlebury, Brookside Canterbury		Dunlop D H Pukekohe Southland (s)	
Bourke Janes Opak Masterton		Dunlop James Hawera Taranaki	
Brown Frank Waka Downs South Auckland	(c)	Drummond Alex F e Rivers Southland	
Burnett James Halfway Bay Lake Wakatipu Otago			
Bush George Featherston Wairarapa			
Byars John Waka Downs Southland			
C			
Cant Nuk Tapui 1 B, Danmaru			
Canterbury Agricultural College, Lincoln Canterbury			

Name and Address	Breed	Name and Address	Breed
E			
Edgar H. J. Sealwyn	Cl. Isdale	Miller D. Leeston Canterbury	Cl. Isdale
F		Miller R. A. Kopuaranga Waikato	
Faureweather J. A. Brookfield Canterbury (s)		Mitchell J. H. Kenwyn St. John's Junction	
Ferguson H. Rangiora North Canterbury		Mitchell O. Brien St. John's Junction	
Fleming Bros. Springfield Crookston		Mitchell W. D. Wymondham Southland	
Forbes John W. H. Larn Normanby Taranaki (s)		Moore & Sanders Pomahaka Southland	
Ford George (Trevell Farm) Mosgiel Otago		Morrison C. Kei Bank Kaitangata Otago	
Ford John Tairāhika		N	
Frederick George Pine Hill Dunedin (s)		Nichol George & Sons Allanton Otago	
Freeman H. J. Highbank Private Bag Rakahata Canterbury (s)		Nicholls R. J. Heleonsville	
G		Nimmo P. J. Japaka Otago	
Gawn Robert Deer Park Mosgiel Tairāhika		Noorish R. Kapaiki Rural Del. Otago	
Gilmour D. S. Methven Canterbury		O	
Graham Harry Waikato Taranaki		O'Brien J. Waikato Otago	
Grant Andrew Fairlie S. Canterbury		Oughtho J. S. Okaawa Taranaki	
Grantham G. R. Normanby Taranaki		P	
Gray W. L. Papaka Otago		Park W. C. Te Awamutu Waikato	
Grey Oliver Berrington Milburn Otago (s)		Parker John I. Omdonon Walkato	Shire
Grigg John Longbeach Canterbury (s)		Paterson T. I. Longfields Farms Hokonui P.O. Southland (s)	Clydesdale
Grimsey J. J. Rangiora Canterbury		Patin K. J. R. W. Blowbridge South Canterbury (s)	
H		Peach R. Rangiora Canterbury	
Harding Alfred L. Mangawhare Auckland		Peckham Private Bag Te Kaiti Waikato (s)	
HARDING J. W. Mount Vernon Waiuku Tairāhika (s)		Phillips M. T. P. P. H. Fenouillet Cambridge Waikato	Clydesdale
Has & Alexander Normanby		Platt W. Moxon Ashby Waverley	
Haugh Alexander Weir Park Crookston Otago		Pugh T. H. Mosgiel Otago	
Haworth Thos. One Road Auckland Taranaki		R	
Hocken Bros. Grassmere Leiding Otago		Rae John Kelso Otago	
Holmes J. S. Awamoa Oamaru		Reid J. A. Waikato Otago	
Holmes H. M. Awamoa Oamaru		Reid F. Burnside Oamaru North Otago (s)	
Hosk & Fred Matapu Taranaki (s)		Richards N. E. Roseville Rakata Canterbury (s)	
Hunter Estate late Moore Burnside Hawera Taranaki		Richmond Frank H. Nuera Matamata Waikato	
Hutton George T. L. Yaldhurst Canterbury		Robertson Peter Huntly Farm Otago	
I		Robinson John Westfield Clarksburg Otago	
Imah John Kaupokonui		Robinson S. J. H. Nuera Southland	
Imster J. W. Moinona		Rudi Chas. Rakata Canterbury (s)	Trout & Clydesdale
J		S	
Jenkins Trustees of E. E. Yaldhurst Canterbury (s)		Sanpool Canterbury	
Jenkins M. L. Wardenale Courtenay Canterbury		Scott A. W. Kaipaki Otago Waikato	
Jenkins J. J. Lawrence Wadeston Canterbury (s)		Sharp W. Hastings Road Matapu Taranaki	
Johnston C. H. S. Bonnyrigg St. Andrews South Canterbury (s)		Shearer Peter Wheatstone Ashburton	
Johnston James Oamaru		Simpson Wm. Springdale Tokarahi Oamaru Otago	
Johnston James Alex. Ashley Downs Gore Southland		Sloan & Co. S. W. Tairāhika Bay of Plenty Auckland	
JOHNSTONE J. A. Busby Park Palmerston Otago (s)		Small Bros. Wheatstone Ashburton	
K		Small J. Terracedale Wheatstone Ashburton Canterbury	
Kennedy D. Norven S. Canterbury (s)		Smith John Tairāhika Canterbury	
Kennedy Robt. Drummond Southland (s)		Smith J. M. Kakanui North Otago	
Kennedy Wm. Studleggh Otago Southland		Smith W. L. Lora Lyon Willowbridge S. Canterbury (s)	
L		Sowersby H. E. 101/2 Freden St. Hastings	
Leach Alex. Fairlie		Sparks R. T. Willowbank Maungatua	
Letha Walter Launceston Canterbury (s)		Sutton J. B. Thornbury Southland	
Logan Thos. Mossdale Otago Southland		T	
Lowery W. Southbridge Canterbury		Taylor Thos. Waikato Ashburton	
Lyaght B. C. Mokoroa Hawera Taranaki		Taylor W. J. Ashton Ashburton	
M		Te Aute Trust Board Pukohu Hawkes Bay	
McCallum Duncan Arners Thornbury Southland		THOMSON ALEX., Campdenown Kelso	
McCallum R. Arners Thornbury Southland		Thomson R. Murrayfield Otago	
McCarty Bros. Aurora Taranaki		Thomson Thos. C. Maungatua Otago	
McCarthy John Otago Taranaki		Thomson L. L. Waikato Tairāhika Otago	
Macdonald D. D. Lendale Ltd. Edenvale Southland (s)		W	
Maifairlane J. Drummond Southland		Walker W. V. Te Awamutu	
McIntosh Hector Kaiapo S. Canterbury		Walton & D. Kelson Brooklyn Cheviot N. Canterbury (s)	
McIntosh Kenneth I. O. Box 34 Kaiapo Canterbury (s)		Wather L. A. Okaawa Taranaki (s)	
McKee Bros. Clinton Otago		Watts Herbert W. Blowbridge Rural Ashburton Canterbury (s)	
McKee & John Woodhouse Vairton (s)		Weavers Selby K. Ilkenny Canterbury	
Maiblan C. W. Southbridge Canterbury		Weir D. E. Centre Road St.irling Otago	
McLean Arch. Creeth H. Hastings Hawkes Bay		Wells J. A. View H. Hastings	
McLean L. T. Rewa Fielding		Weston Lt.-Col. C. H. D. S. O. Box 79 New Plymouth (s)	
McLean R. D. D. Waiakaho Hastings		Williamson J. J. Fielding	
McNaughton Hugh Pineview K. Ilkenny Canterbury (s)		Wilson Arch. Henley Otago	
McLeod John G. Merburn Otago		Wilson Bros. Burleigh Buis Rangitikei	
McMurray James Gore Southland		Wilson James, Tairāhika	
McNaughton Peter Morris W. Waikato (s)		Wilson John Downshire Lauder Otago	
McNeil Arch. W. Clevedon Auckland		Windleburn G. B. Enbom	
McRae T. Sutton		Wright D. G. Wimmerer Winalow Canterbury (s)	
McVane D. A. C. Rolleston Wadeston Courtenay Canterbury (s)		Wyllie C. S. Selson Canterbury	
Malcolm Jas. Te Kaiti Waikato		Wyllie James D. Newfields Selson, Canterbury	
Martin M. Kakanui		Wyllie John J. Omihiri	
Martin T. C. Te Awamutu		Wyllie Thomas Selson Canterbury	
Meredith R. Ruataniwha Waipawa Hawkes Bay		Y	
		Young Bros. Ochertyre, Allanton Otago	
		Young John Ochertyre Allanton, Otago	

THE DOMINION OF CANADA

Alberta

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
H.R.H. THE PRINCE OF WALES K.G. Pekusko (sh)	Shorthorn	Canadian Pacific Railway Demonstration Farm Strathmore (sp)	Shorthorn
A		Canadian Pacific Railway Department of Natural Resources Calgary (sp)	Shorthorn
Achtemyck Dan Chipman	Hereford	Carlson Alfred Box 144 Carmangav	Hereford
Adair J E Hughenden	Jersey	Carmichael Alastair Vulcan	Hereford
Agar, Robert F Thorne	Friesian	Carr Jas J 10709/12th Avenue Edmonton	Jersey
Agriculture Alberta Department of Edmonton (sh)	Aberdeen Angus	Carr Maurice J Box 1598 Calgary	Jersey
	Shorthorn	Carrell L F Forestburg	Hereford
	Ayrshire	Caudwell T S Strome	Hereford
	Hereford	Christolm A F Sanguis	Friesian
	Jersey	Christians Hy Red Willow	Aberdeen Angus
	Hereford	Christie M G Bruderheim	Hereford
	Ayrshire	Chrysler John Mannville	Jersey
	Jersey	Claes Charles Eskine	Hereford
	Shorthorn	Clarindale Stock Farm Vauxhall	Aberdeen Angus
	Hereford	Clark H A Lrkine	Jersey
	Hereford	Clawworthy S J Lacombe	Friesian
	Ayrshire	Claypool A B Swallowell	Hereford
	Ayrshire	Cleland R T Halcourt	Ayrshire
	Ayrshire	Clemens A E & F S Sedgewick	Aberdeen Angus
	Hereford	Clutton J C Delburne	Friesian
	Hereford	Collicutt Frank 536 11th Avenue W Calgary	Hereford
	Hereford	Collicutt George Crossfield	Hereford
	Jersey	Conny Frederick A Wetaskiwin	Hereford
	Ayrshire	Conroy Frank J 9408 112th Street Edmonton	Hereford
		Cook William Cochrane	Friesian
		Copthorne Samuel C R R 2 Calgary	Ayrshire
		Corbett Ernest Shouldice Park	Friesian
		Cornell R A Benton Station	Hereford
		Coughlin Bros Nanton	Hereford
		Course Mrs Clara Lamont	Friesian
		Cowanman Frederick Cremona	Ayrshire
		Cox Charles Runsey	Hereford
		Crawford Frost W A Box 136 Nanton	Shorthorn
		Crooker E C Lacombe	Ayrshire
		Cull R P Seba Beach	Hereford
		Curticeattle Co Ltd The 406 Maclean Block Calgary	Ayrshire
		Curtis Mrs Florence Shepard	Ayrshire
B		D	
Bailey J W & Sons Wetaskiwin	Jersey	Dalla re W n St Lina	Hereford
Baldwin James Beddington	Friesian	Dal mont Estate The Stony Plain	Friesian
Ballant ne P M Lacombe	Hereford	Davidson A W R Airdrie	Ayrshire
Barber Bruce Kinsella	Ayrshire	Davidson John Coaldale	Hereford
Barclay John K Kneel Hill Valley	Hereford	Davis W R R R High River	Jersey
Barker George Beddington	Friesian	Denton In-Stoner Mrs M A R R 1 Milet	Shorthorn
Barker W L Box 1714 Calgary	Ayrshire	Ditchfield Thomas W Hanna	Shorthorn
Barstad & Brooke Lea Park	Hereford	Dittberner E R Panoka	Friesian
Barton Thomas H Loughheed	Shorthorn	Dittberner Emil New Norway	Friesian
Barty J W Corsewall Farm Sedgewick	Hereford	Dittberner C C Duhamel	Ayrshire
Beckell William Hedington	Friesian	Dolphin C Green Heath	Ayrshire
Beeching Charles C De Winton	Shorthorn	Downes A A Elora	Hereford
Bernard C W Donalds	Hereford	Downie Simon & Son Carstairs	Friesian
Berry George T & Son Box 40 Strathmore	Shorthorn	Drewery The Estate of J C Cowlege	Ayrshire
Berry James R R 3 Lacombe	Hereford	Drunan D M Bulwer	Hereford
Bevan Charles Nevis	Hereford	Duckett C W Lacombe	Hereford
Beveridge F D Calgary	Ayrshire	Duckett F H Lacombe	Hereford
Beverington George W Nierburn	Friesian	Duke F O Halkirk	Hereford
B glands Joseph W Box 477 Lacombe	Shorthorn	Duncan George Innisfail	Hereford
Bills F I Blackfalds	Shorthorn		
Bingham A B Ferintosh	Hereford	E	
Bissel Walter C Viking	Hereford	Eley James Carmangav	Friesian
Bittern Lake Ranch The Bittern Lake	Hereford	Edwards Perry C Box 196 Oil	Friesian
Black Alexander Airdrie	Ayrshire	Finabarger Carl Shepard	Shorthorn
Black Mrs Clara Strathmore	Jersey	Fluott J C Didsbury	Friesian
Blackburn M J Hardisty	Friesian	Fluott W J 3631 7a St Elbow Park Calgary	Friesian
Blair S D Red Deer	Hereford	Elwell H & C P Blackfalds	Friesian
Boden D A Lacombe	Ayrshire	Ester R B Sampson	Hereford
Boden James Lacombe	Hereford	Evans Bros Box 35 Red Deer	Friesian
Boggs O A & Sons Daysland	Ayrshire	Experimental Farms Lacombe	Friesian
Bolander Henry R Bearberry	Hereford		
Bowthby J W Cochrane	Friesian	F	
Boyd J A R R No 1 Crale V	Shorthorn	Fawcroy O P Innisfail	Jersey
Boulton Frederick T R R 2 Didsbury	Hereford	Fell Clement Athabasca	Friesian
Broadfoot R & J Loughheed	Hereford	Finlay John Box 267 Lacombe	Hereford
Broderson Paul Leedale	Hereford		
Brown A C Innisfail	Friesian		
Brudevill Peter H Vauxhall	Friesian		
Burghardt W A Loughheed	Hereford		
Burns G A Hanny	Ayrshire		
C			
Calrow & McMath Ranfurly	Hereford		
Calms Bros Cochrane	Jersey		
Callier H A Strathmore	Friesian		
Campbell Charles F Bayland	Hereford		
Campbell J M Box 112 Stavelly	Hereford		
Campbell W H Sturzeville	Hereford		
Canal an Cultivation Co Red Land	Friesian		

Name and Address	Breed	Name and Address	Breed
Fisher Harry F. Colnton	Ayrshire	Kinna Fritz Pickville	Shorthorn
Fisher Lawrence S. Oils	Hereford	Kinna Henry Lilly	Shorthorn
Fleming Thomas M. Milcent	(F) Hereford	Kinkenberg A. Louana	Hereford
Fletcher Arthur M. Omond	Hereford	Kinton Frank Louana	Ayrshire
Flood Phil C. Carstairs	(S) Hereford	Kitto J. C. & O. Louana	Shorthorn
Foles Peter Shepard	Hereford	Klaiber Andrew Little Home	Hereford
Foster R. W. Carstairs	Hereford	Klick Henry E. R. R. 1 Didsbury	Hereford
Frederick Edward J. Castor	Friesian	Kullen K. Calgary	Ayrshire
Francis Hugh Carstairs	Hereford		
Francis John Carstairs	Hereford		
Freewill C. F. B. Clive	Shorthorn		
G		L	
Gabelhouse Conrad Ayrerville	Hereford	Lange John Box 3 Blackfals	(K) Shorthorn
Gable J. I. Lisk ne	Hereford	Lard L. A. Olaton	Hereford
Gall A. M. Heister	Hereford	Lamont J. M. Berwyn	Shorthorn
Galt M. H. Taylorville	Hereford	Langston, F. L. Riverton Lake	Ayrshire
Gano R. M. Gopher Head	Friesian	Langton Earl 1011 12th Street East Winton	Hereford
Gowan James N. Malob	Ayrshire	Lathwell & Sons 1 O. Box 1617 Calgary	(P) Ayrshire
Gibert Wm. Stony Plain	Friesian	Lattner N. D. Bowden	Shorthorn
Giles Allan R. Cloverlily	Ayrshire	Lattner Z. T. & Sons Bowden	Ayrshire
Giles J. B. Castor	Friesian	Lawson M. N. Oils	Shorthorn
Glover Will am Garden Plain	Hereford	Laycock Joseph H. Okotoks	(K) Friesian
Gover Henry Stony Plain	Hereford	Laycock Thomas Calgary	Friesian
Graham Joseph & Sons Vulcan	Ayrshire	Lea H. H. Jarvis	Friesian
Grant H. A. R. R. * High River	Hereford	Lee H. L. R. R. 1 Calgary	Ayrshire
Gray Mrs. Deidamia De Winton	Ayrshire	Lee John Junr. New	Hereford
Gray George W. De Winton	Ayrshire	Lee Robert c/o National Trust Co	Friesian
Graydon John Lacombe	Friesian	Leonard F. J. Dolmead	Hereford
Grayson S. L. Chertall	Friesian	Liddell William Cochrane	Hereford
Grable Charles Cayley	Hereford	Lindsay Mrs. F. M. 503 Centre Street Calgary	Hereford
Grisdale F. S. Oils	Shorthorn	Little T. M. W. Dagnore	Friesian
Grotto Stock Farms De Winton	Hereford	Loudburg C. O. Drumheller	(K) Shorthorn
Gugon J. F. S. Bbald	Ayrshire	Loree D. Lest & Nanton	Friesian
		Lowe Will am Amisk	Hereford
		Luchak Peter Hamlin	Hereford
		Lymburner A. H. Orundale Iron Station	Ayrshire
H		M	
Haag George T. Box 1 Carstairs	Hereford	McBr. Edward Benalto	Friesian
Hagerst Joseph Oils	(K) Shorthorn	McCullough James Alders de	Ayrshire
Hambly Ralph Ponoka	(S) Friesian	MacDonald Bros. Bowden	Hereford
Hannaford J. R. Howie	Hereford	MacDonald & Gray De Winton	Ayrshire
Hansen Bernard Onon	Hereford	Macdonald Isabel Westlock	Ayrshire
Harreaves Heber Kneehill Valley	Friesian	MacDonald W. D. Granger	(P) Shorthorn
Harrison C. C. Tofteld	Ayrshire	MacDonald Will am A. Box 44 Weslock	Shorthorn
Hartwell W. L. S. Bbald	Hereford	McDonnell Angus St. Albert	(SP) Shorthorn
Hassard J. R. Eagle Butte	Cumsey	McDougall Alexander S. Box 149 Champion	(S) Shorthorn
Havens D. Patricia	Hereford	McEwen R. R. 2 High River	Hereford
Hawk Bros. Strome	Hereford	McEachern Co. J. A. Burnis	Hereford
Hawkinson Arthur Calgary	Friesian	McElmoyle 7 Edmonton	Shorthorn
Hay Wm. M. Picher Creek	Shorthorn	McElnn J. M. Dagnore	Friesian
HAYS & CO. Carstairs	Shorthorn	McElroy R. R. 2 Co. The Magrath	(K) Hereford
Heatonson Henry Monvel	Shorthorn	McIntyre W. H. Warath	Hereford
Heartwell W. L. S. Bbald	Ayrshire	McKay A. M. 57 4th Avenue W. Calgary	Hereford
Heather Everett Kneehill Valley	Hereford	McKenzie & Sons Kneehill Valley	Hereford
Henderson T. R. Box 100 Tofteld	Shorthorn	McKenzie & D. W. Rising Sun	Hereford
Heldsworth Marshall Wimbome	Ayrshire	McKown Frank Donalda	Ayrshire
Hoover A. C. Box 10 Camrose	Friesian	MacK D. S. L. Calgary	Friesian
Hope Donald G. De Winton	Friesian	MacK P. V. Grande Prairie	Friesian
Hopie H. E. & Sons Dagslund	Friesian	McLaren J. D. Spring Bank	Ayrshire
Howes Thos. H. M. Hiet	(P) Red Poll	McLaren Mrs. Laura E. Stony Plain	Ayrshire
Howg Carl W. Enchant	Shorthorn	McLaurin J. D. R. R. Calgary	Ayrshire
Hudson Will am Kathryn	(S) Hereford	McLean W. J. Red Deer	Hereford
Hughes Bros. R. R. 1 Didsbury	Hereford	McLeay The Estate of Thomas Earl eld	Hereford
Hunter Edwin T. Alex	Ayrshire	McMaster W. A. 708 Eighth Avenue East Calgary	Shorthorn
Hunter Frederick L. Sedgewick	Hereford	McNe I. John A. R. R. 4 Calgary	Hereford
Hunter G. E. & W. A. 514 Gram Exchange Building	Hereford	Marlton H. Box 44 Lacombe	Shorthorn
Hutton S. D. Finora	Ayrshire	Marlton R. G. Dunstable	Hereford
		Marshall Charles De Winton	Hereford
		Marshall T. A. Castor	Friesian
I		Martin James Penhold	Ayrshire
Inglis John F. Gwynne	Ayrshire	Mather W. Box 174 Consort	Ayrshire
		Mathews C. H. Nanton	Ayrshire
J		Meeks Charles A. Mannville	Friesian
Jablo ski J. M. Inghed	Hereford	Mellus W. S. Rimby	Hereford
Jackson James A. Box 44 Leduc	Jersey	Merritt M. S. A. B. Picher Creek	Hereford
Jensen C. B. L. S. Monks Valley	Friesian	Meredith & M. A. Laramie R. R. 1 Didsbury	Hereford
Jensen H. S. Viking	(K) Hereford	Merta Frank H. Viking	Friesian
Johnston Osborne Cochrane	Friesian	Millet Farming Co. Ltd. Millet	Ayrshire
Johnston W. R. Spring Bank	Jersey	Millet The Earl of Nanton	(K) Shorthorn
Jones John M. Falun	Hereford	Mitchell James 504 1st Street Med. c. Hat	Shorthorn
Jury A. M. Heath	Hereford	Morison H. C. Borden & J. Junr. Lacombe	Shorthorn
		Morrall A. I. Clive	Shorthorn
		Morrow Sam Millet	Shorthorn
		Mur & Walt r. Camington	Hereford
		Murray Arch & Murray Valley & Oils	Hereford
Jaaser Nelson H. Beldington	Friesian		
Kajewski Anton Eagle Butte	Hereford	N	
Kear C. George L. Strathmore	Ayrshire	Nelson Andrew F. R. R. 1 Red Deer	Jersey
Keeg W. J. am Stettler	Ayrshire	Nelson Rowland Beldington	(K) Ayrshire
Keesen H. O. Louana	Hereford	Nelson A. I. Vermilion	Hereford
Kendall Sio K. Co. Ltd. New	Hereford	Norren, C. T. G. Iby	Hereford
Kennell D. M. Waterhole	Hereford	Northcotes Denton Gadab	Shorthorn
Kerr James Box 703 Oils	Hereford	Northwood, S. R. Coronation	Hereford
King J. R. Black Diamond	Hereford		
King Wm H. Irma	Friesian		
Kinghorn Mrs. Myrtle Haylake	Ayrshire		

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
H.R.H. THE PRINCE OF WALES, R.G., Petikato (c)	Shropshire Hampshire	J	
A		Jameson Peter, Alex	(p) Hampshire
Adamson Wm Rollinson		Johnson Hans Paddle River	
Agriculture Dept of Edmonton	(c) Oxford Down	K	
Allan James Carseland	Shropshire	Knights R & Sons R.R. 1 Calgary	Shropshire
Allen, Mrs F Meadowview	Hampshire	L	
Allonby, C K Crossfields	(c) Shropshire	Lamb Mrs E G Youngtown	
Allred J Urban Raymond	Shropshire	Longway H H R.R. 2 Calgary	
Anderson John Box 20 Morrin P.O.	Oxford Down	Lucerne Stock Farm Ltd., Vauxhall	Suffolk
Andrews Jas Nick R.R. 1 De Winton		M	
Armistead C. Onoway		McDonnell Angus St. Albert	(c) Oxford Down
Ashby I H Strathcona R.R. 3		McDougall Alex S Box 149 Champ on	(c)
B		McDougall C D Box 149 Champ on	(c)
Ball Geo R R.R. 2 Strathcona	Oxford Down	McKean F S Dickson	
Ball Robt W R.R. 2 Strathcona	(c) Suffolk	Nicholson William S Olds	Oxford Down
Bark & Bar Brooks	(c) Suffolk	McLeod Donald Lake Isle	
Blair John Brooks	Shropshire	Narrat U G Alex	
Bowen Reginald R Inn sfail	Hampshire	Norton Earle of Nanton	(c) Oxford Down
Bowly T P Coaldale	Oxford Down	Nichell Hugh Coaldale	
Bowman D W Aldersyde	Suffolk	N	
Brocklebank W Box 70 High River	Oxford Down	Noden R Provost	
Brocklesby J W Karriemur	Shropshire	O	
Brown Bros Brooks		Ochs Ernest Morn ngude	
Brown J B Nanton		Olson A M Airline	Oxford Down
Buckley John C Gleichen		Ottewill A J Clover Bar	(p)
C		P	
Calvert Edward Box 91 Chipman	Lincoln	Pager Mrs Lily Carseland	Shropshire
Carlyle S G North Edmonton	Oxford Down	Peck Gerard S Box 73 Oyen	(p) Oxford Down
Clairdale Stock Farm Vauxhall	(c) Suffolk	Plain Wm F Meeting Creek	
C.P.R. Demonstrat on Farm Brooks	(p) Suffolk	R	
C.P.R. Dept of Natural Resources Calgary	(c) Suffolk	Reed T M R.R. 2 Strathcona	(c) Oxford Down
C.P.R. Demonstrat on Farm Strathmore	(c) Suffolk	Reid Edwin J Cremona	(c)
Creswell Geo H Box 490 Edmonton	(p) Suffolk	Ririe J Alfred Magrath	(p) Rambouillet
D		R.R. 2 Elmer Magrath	Oxford Down
Davison Jas Inn sfail	Shropshire	Roberts E M Castor	
Davis C M Dela	Suffolk	Roswell G H Box 805 N Edmonton	(p)
Dodd J A Olds	Shropshire	S	
Dodd John Inn sfail	Hampshire	Sadler Wm Rufus Markerville	
Doten J W Atterwood	Oxford Down	Sargeant Chas Box 147 Bawlf	(p) Suffolk
E		Semple Thos Jackson	
Fdey Alex Carri ngay	Oxford Down	Shaver G C Dickson	
F		Simmons Wm Calmar	Shropshire
Ferguson Geo D Mile		Stewart Alex Clady	Oxford Down
Flater H F Ledge	(c) Oxford Down	Suddab Peter Lavo	(c)
Foot Philip Carista	Oxford Down	T	
Fordham F Vegreville	(p) Oxford Down	Turner Dawson Box 1585 Calgary	(c) Hampshire
Fowler A S H Mareppa		U	
Frame Malcolm Edberg		Unversity of Alberta Edmonton	(c) Suffolk
Francis Geo E Toffield		W	
Francis Jas R Tofeld		Walden R N Vermilion	Oxford Down
G		Williams C Priddis	Oxford Down
Graham Geo A Bentley	Oxford Down	Williams E B Alex	(p) Oxford Down
H		Williams Fred D Lonsana	(p) Oxford Down
Hall Albert Morn ngude		Wilson John Inn sfail	(c) Oxford Down
Hall Chas L Bon Accord	(c) Shropshire	Wilson John Jr Inn sfail	Shropshire
Hambly Harry A Ponoka	(c) Oxford Down	Wyndham M H Grainger Station	Shropshire
Hambly Ralph Ponoka			
Hanson Karl D Beckardville			
Harvey R C 610-5th St F Lethbridge			
Hasthorne J R R.R. 2 Strathcona			
Hilbert Albert R.R. 1 Kneehill Valley			
Hogarth Robt. Cochrane			
Hudson Wm Kathryn			
Hughes Bros R.R. 1 Didsbury			
Hutchinson Lew & Sons Dubane			

Pig Breeders

Name and Address	Breed	Name and Address	Breed
A		G	
Agriculture Dept of Edmonton	(ask) Berksh re Yorkshire Tamworth	Galbraith D H Vulcan	Tamworth
Akins Gordon Ogden		Garner Geo Boyne Lake	
Alexander James Lacombe	Berkshire	Gentleman Wm D Camrose	
Allen Ben W R R 2 Westlock	Tamworth	Gibson P Meadowview	
Allen L W R R 3 Strathcona		Glen Charles Cavendish	
Anderson J C Alliance	Duroc Jersey	Gordon John Innisfree	
Andrew John Cadogan		Gorman Geoffrey P Box 13 Sanguo	Berkshire
Archibald J H Rosebud	Yorkshire	Grant Peter A Rocky Mountain House	Yorkshire
Armstrong Robert Endang	Yorksh re	Gray Mrs Nancy Meadow Creek	Duroc Jersey
Arnold F F Carrot Creek	Yorkshire	Gray W L Millet	
Atcheson John W Box 79 Cayley	Yorkshire	Green Arthur Duchess	
		Grovrock Mrs E Railway Centre	
		Gudlangton Bros Clairmont	
B		H	
Baird W B Ghost Line Creek	Duroc Jersey	Hamilton Bros Westward Ho	
Baker Walter Hard sty		Hamilton Gordon Clummont	
Bakken Albert Excel	Yorkshire	Hamilton J W Daysland	Yorkshire
Bali George R R R 9 Strathcona	(s) Yorkshire	Hardford J Wilson Innisfree	Yorkshire
Bali Robt M R R 9 Strathcona	(s) Yorkshire	Hannah G Box 110 Crossfield	
Birk & Baird Brooks	(s) Tamworth	Harding Reuben Hard sty	
Barker Fred Ogden		Harvey W A Garden Plains	
Baxandall Joseph Westlock	Yorkshire	Henderson Jas Cayley	
Beingsesner F J Champ on	Berkshire	Henderson Thos Lacombe	
Bent J C Olds	Yorkshire	Hennig Carl Bruderheim	Yorkshire
Berrey J E Lacombe		Hicks A O Ardenode	Tamworth
Bertsch Albert Cra nger		Hill F W Mundare	Berksh re
Betson W H Box 19 Westlock		Hodgson Hugh S Byen oor	
Brd Harry Box 1 S Viking	Duroc Jersey	Hope G J 10 McLeod Bldg Edmonton	
Bla s Arthur Gleichien		Hornby Col M L Lethbridge	
Bod n James Lacombe	(c) Duroc Jersey	Housh J A Bowden	
Borel J A R R No 1 Craugh le		Howes Thomas H Millet	(c) Duroc Jersey
Bran T C Innisfree		Hunter Denis R R 9 Strathcona	Yorkshire
Britta n J A Box 10 Veteran		Hutton David S Clover Dar	
Brooks N E Lacombe		Hutton J R Bentley	
Brown Jare E Meanook			
Brumer R W Rosebud			
C		J	
Curns Norman D Box 30 Cochrane		James Tom Ballant ne	
Ca phell Charles F Daysland	(c) Tamworth	Jameson Peter Alix	(s) Yorkshire
Carlisle Robert H N Edmonton		Jay R Brice freedom	
Chambers John E Moren		Jebb Geo W Wembley	
Clairdale Stock Farm Vauxhall	(cs) Berkshire Tamworth	Jensen C W Mantle	Poland China
		Johnson Alvin Coaldale	
Clennett Cyril R Minny lle		Johnson Brothers Gibb	
Collins Charles Lacombe		Jones A I Box 183 Vegreville	
Comstock Bros Rosebud		Jones Arthur T Box 611 Red Deer	
Cooper M W Box 60 Vermilion		Judd S S Stettler	
Cooper S E 10630 80th Ave Edmonton			
Cornack E W Olds	(ph) Yorkshire		
Creswell Geo H Box 422 Edmonton	(s) Berksh re		
CSAYOSSY BARON JOS Cochrane	(cs) Yorkshire		
CPR Demonstration Farm Brooks	(cs) Berkshire		
CPR Demonstration Farm Strathmore	(cs) Poland China		
C I R D pt of Natural Resources Calgary			
Cull 1 A S Penhold			
D		L	
Daln J J Rockyford	Tamworth	Lathwell & Sons R R 9 Calgary	(c) Yorkshire
Dawson W L Woolford	Berkshire	Leach O M Box 13 Empress	
Dav W A McLeod	Berkshire	Lindsay I R Clover Bar	
Devis J J Carstairs	Berkshire	Living H R Sisseton	Large Black
Dn John I Craigm		Luke C E Coronation	
D von & D von Bros Box 176 Macleod	Yorksh re	Lun I Geo L Leduc	
Du chr 1 ter E Red Deer	Yorkshire		
E		M	
E se straut Ru loff Botla		MacDonald W D Cra nger	(c) Tamworth
Elm J A Brownale		Mackey Mrs A J Sexsmith	
Elmview J G Ban sta l	Yorkshire	McClure C H Ohaton	
Ell t H el Gibb	Poland China	McCormack J S Lacombe	Yorkshire
Ell t W J & Sons Ltd Alberta Stockyards Calgary		McCusid D C Czar	(cs) Yorkshire
Ell t Frank Mahaska	Duroc Jersey	McDonnell Angus St Albert	Yorksh re
Evers Wm Cochrane		McKay H E Okotoks	
		McKeage T J Scottfield	
		McKenzie A L Pincher Creek	Yorksh re
		McLeod Henry North Edmonton	Yorkshire
		Mahinsky Wm J R R 2 Vegreville	
		Mann H H Box 14 Altus	Berkshire
		Marcellus Thos Box 47 Pincher Creek	
		Mart Howard Millet	
		Martin John Waskatenau	
		Mayer Ha s Vegreville	
		Neal F C Vermilion	
		Neck R A Mannville	
		Nerrill John D H H Spring	Berkshire
		Nichter W S Red Deer	
F			
Fearnburgh Noel V Morrin	Ha ph re		
Ferguson R J North Edmonton			
Fife W A Marmola			
Findlay M Berwyn	(c) Yorkshire		
Fleming Jeanette b. Millicent	Yorkshire		
Foran W Wm Okotoks	Yorkshire		
Foster Ward Woodberd	Tamworth		
Fr th R W D 823 169th St Edmonton	(s) Tan worth		
Frie J S Waskatenau			
Furlow M s Helen W Miller			

Name and Address	Breed	Name and Address	Breed
Milan, Wm Arthur, Three Hills		Southward J M, R R 1, Lacombe	Yorkshire
Mitchell W G, Czar		Spafford S F, R R 3 Edmonton	Yorkshire
Mohler Bros, Camrose	Yorkshire	Spiker Wilbert Crystal Springs	Yorkshire
Moneton Alphonse, Pincer Creek		Stobart W R & J, Wabamun	Yorkshire
Montgomery Phyllis, Kanfarly		Stockall V A, Green Court	Yorkshire
Moore, F J, Daveland		Stockton F H, Box 108 Drumheller	Berkshire
Morrison Hugh, Box 244, Vermilion	Tamworth	Stronach Alex, Delia	
		Sutherland Can Lands Co, Ltd, Brooks	
N		T	
Neill Bros, Bittern Lake		Talbot Peter & Son, Lacombe	(c)
Newcombe F H, Vegreville		Talson Matt, Box 26 Bernalto	(c)
Nichols Bros, Box 69 Clyde		Tees Mrs W L, Lacombe	
Noble Thomas, Dayland	Tamworth	Thorlakson Byron, Markerville	Yorkshire
Norther C L, Box 187, Red Deer		Treese D W, Purple Springs	
O		Trybe, R M, Box 81, Jenner	(c) Yorkshire
O'Brien J J, Egremont	Duroc Jersey	Trotter D W, Shepard	(c) Yorkshire
Orn C E & Son, Millet	Duroc Jersey		
Ottewill A J, Clover Bar	(s) Hampshire	U	
P		University of Alberta, Edmonton	(csh) Tamworth
Paradis Ina, Fort Edmonton	Yorkshire		Duroc Jersey
Pearce, H Leslie, Lacombe			Yorkshire
Peterson Alfred L, Edberg	(c) Yorkshire		Berkshire
Peterson Miss Hazel, Edberg		V	
Phillips L A, Carleton		Vauxhall Stock Farms Ltd, Vauxhall	Berkshire
Pifer Mrs J A, Pincer Creek		Vipan Arthur C, Noyes Crossing	
Plank Fred W, Nugent			
Pollock C H, Darwell		W	
Prichard S C, Camrose		Wales Fred, Box 581 Edmonton	Yorkshire
Q		Walker J F, Veteran	
Queen F P, West Edmonton	Yorkshire	Walrod E J, Rumsey	
Quelch Victor, Morrin		Ward W, Ohaton	Yorkshire
R		Weber Jos H, Harry Hill	Yorkshire
Rambo Henry, Consort		Webster Donald M, Airdrie	Yorkshire
Ray R C, Carstairs	Berkshire	Wenger E H, Langdon	
Reynolds Muri, Bremner	(h) Duroc Jersey	Wetaskiwin Produce Co, Wetaskiwin	
Rice S W, Aanton		Wheeler E F, Namaka	
Ringle Mrs Geo, Benton		Wheeler L O, Namaka	
River, M Elmer, Nagrah	(s) Poland China	White R L, Indus	(c) Yorkshire
Roop R P, Millet	(s)	Williams J M, Hanna	Berkshire
Rowswell G H, Box 80, North Edmonton	(s)	Williamson Ed B, Alx	(h) Berkshire
Runte C & Sons, Wetaskiwin		Winters D B & Son, Vermilion	
S		Woods R H, Vegreville	
Saltvold Jos C, Edberg	Berkshire	Wonnacott Mrs Joan, DeWinton	
Schultz Fred H, Box 22 Alliance	Duroc Jersey	Wright & Bond, Irricana	
Sheldrake Bros, Duchess		Y	
Sherwood W, Islar		Young John, Empress	
Shire W A, Soda Lake		Z	
Shotts Roy L, Box 16 Irma	Yorkshire	Zabarchuk Kost, Vegreville	
Smith Jos Jr, Botha			
Smith T, Box 33, Red Deer	Yorkshire		
Snowden T W, Hussar			

Horse Breeders

Name and Address	Breed	Name and Address	Breed
H.R.H. THE PRINCE OF WALES E.G. Pekisko (cs)	Percheron Clydesdale Thoroughbred	B	
A		Barley R V, R R 2, Lacombe	Thoroughbred
Abbot Bros, Oyen	Clyd sdale	Bailes Fred, Viking	Clydesdale
Adams I D, Box 2165 Calgary	Shire	Hall Charles, Sedgewick	Clydesdale
Adams Edward, Crenfell	Clyd sdale	Barber Charles, Mance	Suffolk
Adams William, Box 140 Delia	Thoroughbred	Barber Mrs Josephine, Viking	Suffolk
Adams George, c/o F D Adams, Box 2165 Calgary	Clydesdale	Barker W L, Box 1214 Calgary	(c) Suffolk
Agriculture Alberta Dept of Edmonton	Percheron	Barratt, Henry General Delivery, Calgary	Percheron
	Thoroughbred	Barty J W, Corsewill Farm, Sedgewick	(c) Clydesdale
	Belgian	Beatty George E, 17-13 13th Avenue W, Calgary	Clyd sdale
	Hackney	Beatty R N, Edmonton	Belg an
Allan R A, Balroy	Clydesdale	Bennessner Alphonse, Champion	Clydesdale
Allen J D & Sons, Acme	Shire	Bell Arthur J A, Okotoks	Belgian
Allen C S, Caevan	Shire	Bell J J, 80-7 91st Street, Edmonton S	Clydesdale
Almgren Carl, Viking	Clydesdale	Bergeson E O, Maybitt	Percheron
Anson C R, Ryley	Shire	Bice W H, High River	Standard
Anson Harold S, Ryley	Clydesdale	Birch C L, Wate	Clydesdale
Andrews James, McH, 509 22nd Avenue W, Calgary	Clydesdale	Blair W J, Provost	Clyd sdale
Arbuckle H, Airdrie	Percheron	Blake G G, High River	Shire
Armstrong G F, Botha	(c) Clydesdale	Bokenhorst Wm, St Albert	Belgian
		Bransfield John, Cranville	Stan bnd
		Branson, W H & Sons, R R 1, Kane Hill Valley	Percheron
		Brenner J C C, Brenner	Thoroughbred
		Brown J H, Pekisko	Clydesdale

Pig Breeders

Name and Address	Breed	Name and Address	Breed
A		G	
Agriculture Dept of Edmonton	(csh) Berkshire Yorkshire Tamworth	Galbraith D H Vulcan	Tamworth
Akins Gordon Ogden		Gamer Geo Boyne Lake	
Alexander James Lacombe		Gentleman Wm D Camrose	
Allen Ben W R R 2 Westlock	Berkshire	Gibson P Meadowview	
Allen E W R R 3 Strathcona	Duroc Jersey	Glen Charles Cavendish	
Anderson J C Alliance		Gordon John Innisfree	Berkshire Yorkshire
Andrew John Cadogan		Gorman Geoffrey P Box 13 Sangudo	
Archibald J H Rosebud	Yorkshire	Grant Peter A Rocky Mountain House	Duroc Jersey
Armstrong Robert Endiang	Yorkshire	Gray Mrs Nancy Meadow Creek	
Arnold I F Carrot Creek	Yorkshire	Gray W L Millet	
Atcheson John W Box 9 Cayley	Yorkshire	Green Arthur Duchess	
		Grosvock Mrs E Radway Centre	
		Gudlangson Bros Clairmont	
B		H	
Hard W B Ghost Pine Creek	Duroc Jersey	Hamilton Bros Westward Ho	
Baker Walter Hardisty		Hamilton Gordon Clairmont	
Bakken Albert Excel	Yorkshire	Kamilton J W Naysland	Yorkshire Yorkshire
Ball George R R R 2 Strathcona	(s) Yorkshire	Hardford J Wilson Innisfail	
Ball Robt M R R 2 Strathcona	(s) Yorkshire	Hannah G Box 110 Crossfield	
Bark & Barl Brooks	(s) Tamworth	Harding Reuben Hardisty	
Barker Fred Ogden		Harvey W A Garden Plains	
Baxandall Joseph Westlock	Yorkshire	Henderson Jas Cayley	
Beingsnesser F J Champion	Yorkshire	Henderson Thos Lacombe	
Betz J C Olds		Hennig Carl Bruderheim	Yorkshire Tamworth Berkshire
Bever J L Lacombe		Hicks A O Ardenode	
Bertsch Albert Crainger		Hill F W Mundare	
Betson W H Box 19 Westlock		Hodgson Hugh S Ryemoor	
Bird Harry Box 18 Viking	Duroc Jersey	Hope G J 10 McLeod Bldg Edmonton	
Blas Arthur Gleichen		Hornby Cal M L 1 Ethridge	
Bod n James Lacombe	(c) Duroc Jersey	Houchins S A Bowden	
Box I A R R No 1 Craigh vlc	(c) Duroc Jersey	Howes Thomas H Millet	(c) Duroc Jersey Yorkshire
Bra n T G Innisfail		Hunter Denis R R 2 Strathcona	
Brittian J A Box 170 Veteran		Hutton David S Clover Dar	
Brooks N E Lacombe		Hutton J R Bentley	
Brown Jared E Meanook			
Bruner R W Rosebud			
C		J	
Carrs Norman D Box 32 Cochrane		James Tom Brilliantine	
Ca pbell Charl F Daysland	(c) Tamworth	Jay R Bruce Freedom	
Carl le Robert H N Edmonton		Jebb Geo W Wembley	
Chambers John E Moor n	(cs) Berkshire Tamworth	Jensen C W Manville	Poland Ch na
Clairdale Stock Farm Vauxhall		Johnson Alvin Coldale	
		Johnson Brothers (lth)	
Clennett Cyril R Minnville		Jones A F Box 164 Vegreville	
Collins Charles Lacombe		Jones Arthur T Box 611 Red Deer	
Cornstock Bros Rosebud		Juld S S Stettler	
Cooper M W Box 69 Vermilion			
Cooper S L 10630 80th Ave Edmonton	(ph) Yorkshire		
Cornack E W Olds	(s) Berkshire		
Creswell Geo H Box 422 Edmonton	(s) Yorkshire		
CSAVOSSY BARWJOS Cochrane	(cs) Berkshire		
C V R D nonstrat on Farm Brooks	(cs) Berkshire		
C V R Demonstration Farm Strathmore	(cs) Berkshire Poland Ch na		
C V R Dept of Natural Resources Calgary			
Cull A S P nhold			
D		K	
D hn J J Rockyford	Tamworth	Kenne ly C H R R 1 Calgary	Yorkshire
Dixon W I Woolford	Berkshire	Kennedy J H Vedette Farm Vegreville	
Dix W A Macleod	Berkshire	Kenner Fred C Rimbey	Berkshire Yorkshire
Dix W J Carstairs	Berkshire	Kerr S R Lousana	
Dixon John I Cranum		Kibblewhite W A Ver n al on	
Dixon & Dixon Bros Box 196 Macleod	Yorkshire	K nney Wm P R R Cayley	
Dix I ter L Red Deer	Yorkshire		
E		L	
Elie straut Rudolf Botha		Lathwell & Sons R R Calgary	(c) Yorkshire
Elz n J A Brownvale		Leach O M Box 113 Empress	
Ell nro J G Innisfail	Yorkshire	Lindsay I R Clover Bar	
Ell n H el Gilbey	Poland Ch na	Living H R Stettler	Large Black
Ell ntt W J & Sons Ltd Alberta Stockyards Calgary		Luke C E Coronation	
Ell n W rick Mahaska		Lund Geo L Led c	
Ell n Wm Cochrane	Duroc Jersey		
F		M	
Feamehouse Noel V Morrin		MacDonald W D Crainger	(c) Tamworth
Ferguson R J North Edmonton		Mackey Mrs A J Sexm th	
Fif W A M emoli		McClure C H Ohaton	
Finnlen M Herwyn		McCormick J S Lacombe	Yorkshire
Finnlen Jeanette S Mill cent		McGunn D C Crar	(cs) Yorkshire
Fors William Okotoks	(c) Yorkshire	McDonnell Angus St Albert	
Foster Ward Woodbend	Yorkshire	McKay H F Okotoks	Yorkshire
Firth S W D 903 104th St Edmonton	Tamworth	McKeage T J Scottell	(s) Yorkshire
Fitz L S Sankin A S	(s) Tan worth	McKenzie A J Pincher Creek	
Furber Mrs Helen W Millet		McLeod Henry 40th Edmonton	Yorkshire
		Malarky Wm J R R 2 Vegreville	
		Mann H H Box 14 Alix	Berkshire
		Marcellus Thos Box 47 Pincher Creek	
		Marr Howard M Diet	
		Marten John Waskettanau	
		Mayer Hans Vegreville	
		Meard F C Vermilion	
		Meeks R A Mannville	
		McRitt John D Hill Spring	Berkshire
		Nichol W S Red Deer	

Name and Address	Breed	Name and Address	Breed
M Ian Wm Arthur Three Hills		Southward J M R R 1 Lacombe	Yorkshire
Mitchell W C Clear		Spafford S F R R 3 Edmonton	Large Black
Mohler Hrs Camrose	Yorkshire	Spiker Wilbert Crystal Springs	Yorkshire
Monecon Alphonse Pincher Creek		Stobart W R & J Wabamun	Yorkshire
Montgomery Phyllis Kamfily		Stockall V A Green Court	Berkshire
Moore F J Damsland	Tamworth	Stockton F H Box 106 Drumheller	
Morrison Hugh Box 344 Vermilion		Stronach Alex Delia	
		Sutherland Can Lands Co Ltd Brooks	
N		T	
Neill Bros B item Lake		Talbot Peter & Son Lacombe	(c)
Newcombe F H Vegreville		Tolson Matt Box 26 Benalto	(c)
Nichols Bros Box 69 Clyde	Tamworth	Tees Mrs W L Lacombe	Yorkshire
Noble Thomas Daysland		Thorlakson Bjorn Markerville	
Northey C L Box 187 Red Deer		Treese D W Purple Spruce	
		Trube R N Box 87 Jenner	(c) Yorkshire
O		Trotter D W Shepard	
O'Brien J J Egremont			
Orn C E & Son Millet	()	U	
Ottewill A J Clover Bar		University of Alberta Edmonton	(csh) Tamworth
P			Duroc Jersey
Paradise Isdore Edmonton			Yorkshire
Pearce H Leslie Lacombe			Berkshire
Peterson Alfred L Edberg	(c)	V	
Peterson Miss Hazel Edberg	Yorkshire	Vauxhall Stock Farms Ltd Vauxhall	Berkshire
Phillips L A Carseland		Vipan Arthur C Noyes Crossing	
Pifer Mrs J A Pincher Creek			
Plank Fred W Nugent		W	
Pollock C H Darwell		Wales Fred Box 564 Edmonton	Yorkshire
Prechard S C Camrose		Walker J E Veteran	
		Walood E J Rumsey	Yorkshire
Q		Ward W Ohaton	Yorkshire
Queen E P West Edmonton	Yorkshire	Weber Joe H Harris Hill	Yorkshire
Quelch Victor Morrin		Webster Donald M Adrie	
R		Wenger E H Langdon	
Rambo Henry Consort		Wetaskwin Produce Co Wetaskwin	
Ray R C Cantara	(A)	Wheeler L F Namaka	
Reynolds Merv Bremner	Duroc Jersey	Wheeler L O Namaka	
Rice S W Nanton		White R L Indus	(c) Yorkshire
Ringle Mrs Geo Benton	(s)	Williams J M Hanna	Berkshire
Rieler W Elmer Magrath	Poland Ch na		
Roop R J Millet	(s)	Williamson Ed B Alux	()
Rosenwell G H Box No 2 North Edmonton		Winters D B & Son Vermilion	(A) Berkshire
Runte C & Sons Wetaskwin		Woods R H Vegreville	
S		Wonnacott Mrs Joan DeWinton	
Saltvold Jos C Edberg	Berkshire	Wright & Bond Irricana	
Schultz Fred H Box 93 Allance	Duroc Jersey		
Sheldrake Bros Duchess		Y	
Sherwood W Jolas		Young John Empress	
Shire W A Soda Lake		Z	
Shotts Roy L Box 16 Irma	Yorkshire	Zaharichuk Kost Vegreville	
Smith Jos Jr Botha			
Smith T Box 33 Red Deer			
Snowden T W Hussar	Yorkshire		

Horse Breeders

Name and Address	Breed	Name and Address	Breed
H.R.L. THE PRINCE OF WALES K.G. Pekisko (c1)	Percheron Clydesdale Thoroughbred	B	
A		Bagley R.V. R.R. * Lacombe	Thoroughbred
Abbot Bros. Owen	Clyd sdale	Bailey Fred V. kng	Clydesdale
Adams F.D. Box #163 Calgary	Cl dsedale	Ball Charles Sedgewick	Clydesdale
Adams Edward Crowell	Shire	Barber Charles Hance	Suffolk
Adams William A. Box 180 Dela	Clyd sdale	Barber Mrs. Joseph ne V. kng	Suffolk
Adelson George C. D. Adams Box 2165 Calgary	Thoroughbred	Barker W. L. Box 114 Calgary	Percheron
Agri Culture Alberta Dept. of Edmonton	Clydesdale (csp)	Barrett, Henry General Delivery Calgary	Clydesdale
	Percheron	Bartley J. W. Corsewall Farm Sedgewick	Clydesdale
	Thoroughbred	Beatty George F. 1723 13th Avenue W. Calgary	Clydesdale
	Belgian	Beatty R. N. Edmonton	Belz an
	Standard	Beingsnesser Alphonse Champ co	Clydesdale
Altan R. A. Dahnov	Ha knes	Bell J. J. 8047 91st Street Edmonton S.	Clyd sdale
Allan J. J. & Sons Acme	Clydesdale	Bergesen E. O. Maybott	Belz an
Aller C. S. Lacombe	Shire	Bier W. H. H. R. R. R.	Perche on
Almsten Carl V. kng	Shire	Birzer C. L. W. str	Standard
Anderson C. K. R. ley	Cl dsedale	Blair W. J. Provost	Clyd sdale
Anderson Harold S. Kelsey	Shire	Blake C. H. g. R. yer	Shire
Andrew James McK. 209 2nd Avenue W. Calgary	Cl dsedale	Bockmeyer Wm. Albert	Belgian
Arbuckle H. A. Rdnie	Clydesdale	Brandt J. John Craigmyle	Shire
Armstrong C. F. B. tha	Percheron	Branson W. H. & Sons R.R. 1. kng H. H. Valley	Shire
	Clydesdale (1)	Bremner J. C. C. Bremner	Thoroughbred
		Brown J. H. Pekisko	Cly dsedale

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Name and Address	Breed	Name and Address	Breed
N			
Nelson J. A. 52 1/2 18th Avenue W. Calgary	(c) Percheron	Shakerley A. C. Ivkisko	Sh. re
Ness Rowland De Winton	Clydesdale	Shakerley M. A. Ivkisko	Sh. re
Nowers E. B. 35 Ca. a La Life Building Calgary	Thoroughbred	Shaw R. A. Carstairs	(p) Clydesdale
O			
Olsen John S. Cl. ale	Cly. ls tale	Sheets Carl Box 11 Stan. land	Clydesdale
Othberg Felix Amisk	Belgian	Sherry Mrs. Helen C. c/o Woods Sherry Coll. son & Felt	(f) Thoroughbred
Olsen Nels Box 30 Oils	Clydesdale	Edmonton	
Orchard C. R. Vet. ran	Clydesdale	Shoff Fred Two Hills	Clydesdale
Oser J. A. Castend sh	Clyd sdale	Shurrun W. J. Rosen ary	Sh. re
P			
Patterson C. C. & Sons Huxley	Belgian	Snelair Bros. Rumey	Clydesdale
Parker W. F. Macleod	Shire	Smith F. C. Lamont	Clyd sdale
Peacock J. L. Med. cne Hat	Shire	Smith Maxwell 1110 3rd Street L. Calgary	Clydesdale
Peacock George Antony M. dnapore	Clydesdale	Smith O. H. Senr. Hardsby	Clydesdale
Peck H. C. Box 3 Oyen	Percheron	Soderberg C. B. High R. ver	Clydesdale
Pendergast S. W. mborne	Sh. re	Spence Geo. Cremona	Hackney
Perrenoud Charles Cochrane	Sh. re	Sprague Elmer Bruce	Percheron
Pine J. B. Macrath	Shire	Starks & Burton Med. cne Hat	Shire
Pollock Robt. Pollocks lile	Percheron	Stenborg John E. Carolisle	Clydesdale
Porter O. O. Gadsby	Sh. re	Stevenson Alex. Lessard	Clydesdale
Porter W. C. Czar	Sh. re	Stooke George F. 717 40th Avenue S.W. Calgary	Percheron
Porter J. H. Pine Lake	Sh. re	Stralendorff R. M. Harville	Thoroughbred
Found L. L. R. Istone	Hackney	Stretch W. H. Ponoka	Percheron
Powell J. A. R. Box 794 Edmonton	Clydesdale	Sutherland The Duke of Brooks	Clydesdale
Pratt Alfred S. Esther	Clydesdale	Swanson S. T. Chalon	Sh. re
Prentice Arch. bald Claresholm	Clydesdale	T	
Preston Sam & Sons Paradise Valley	Clydesdale	Talbot Mrs. W. C. Mor. nville	Standard
Prowse John Clun	Clydesdale	Taylor Will am Vining	Clydesdale
Pye La. ren c. W. R. R. I. Edmonton	Clydesdale	Theaker John Viking	Clydesdale
R			
Ramsay John Box 4 M. dnapore	(c) Clydesdale	Thompson Alex. H. gh R. ver	Clydesdale
Rawlson A. M. Calgary	Hackney	Thomson G. R. K. mball	Sh. re
Rawlson & Campbell Innisfail	Sh. re	THORNBURN & RIDDLE De Winton	Clydesdale
Rawlson Thomas Innisfail	Shire	Threll Will am Lacombe	Clydesdale
Ray R. C. Carstairs	(p) Clydesdale	Taney T. H. Box 329 Med. cne Hat	(c) Clydesdale
Reed J. W. Olds	Hackney	Trea Joseph Crossid lile	Percheron
Reeves James Dog Pound	Sh. re	Trotter R. W. Calgary	Hackney
Richardson C. H. Bowden	Clydesdale	Trueman Alfred Tripola	Sh. re
Richardson W. lbert Black e	Clydesdale	Tuxbury Fred 1061 1/2 10 nd Street Edmonton	Clydesdale
Ridd K. George Ma. rood	Sh. re	Turner Alfred, Al. x	Clydesdale
Rne J. B. Harath	Clydesdale	Turner Dawson Box 1585 Calgary	(cs) Clydesdale
R. x Arthur W. Wetask win	Clydesdale	Turner W. C. Ponoka	Sh. re
Roberts Bros. Vegreville	(f) Hackney	U	
Roberts J. A. Aird e	Clyd sdale	Univ. ty of Alberta. Edmonton South	
Robertson George Box 119 Grande Prairie	Clydesdale	V	
Robertson Mrs. T. W. H. gh R. ver Trading Co. H. gh R. ver	Clyd sdale	Vance Foster Beynon	
Robinson Bros. Ferintosh	Perch. n	Varley E. W. Fishburn	Sh. re
Robinson Joseph Nanton	Sh. e	W	
Rodney Lord Fort Saskatchewan	Clydesdale	Wade & Co. Ltd. Calgary	
Roe Sam el H. Drawer 70 6 Calgary	Standard	Walken & McDermott Lacombe	Clydesdale
Roel Joseph Box 107 Provost	Clydesdale	Walker Fred W. Red Cl. ff	Bel. an
Root George F. Water (t. n)	Sh. e	Walker S. uart Sampson	Clydesdale
Rosenbarg Joseph Ma. ton	(f) Clydesdale	Walker A. J. Bowell	Sh. re
Round T. Ranch Ltd. The H. gh R. ver	Sh. re	Warner George L. Innisfail	Shire
Rudolph H. B. & F. W. Dalemead	Shire	Waterman John D. Alix	Clydesdale
Rutherford J. C. Calgary	Hackne	Webb John Box 463 Edmonton	Clydesdale
R. e Lawrence M. R. R. Edmonton	(p) Clydesdale	We. r John Carbon	Hackney
S			
Salaan & Cohen Po. mex Creek	Belgian	We. r Norman A. Oha on	(p) Clydesdale
Salter Hardy E. 416 Carleton St. Calgary	Percheron	Wh. tury B. T. How Island	Sh. re
Sava e Bros. Meche he	Clydesdale	Wckham J. Lacombe	Shire
Schepper Henr. de St. Albert	Belgian	W. lson Harold C. Cayley	Percheron
Schroeder F. M. dnapore	Sh. re	W. lson R. J. Bruce	Clydesdale
Sch. te Ph. l. p. Source Cro. x	Clydesdale	W. lson W. W. Veteran	Clydesdale
Seon J. James & Wal. er, Del. a	Sh. re	Winter P. H. & Sons Lacombe	Clydesdale
Seaman H. S. R. R. I. Ldmon on South	Standard	Winters D. B. & Son Verm. lo	(p) Clydesdale
Sewell John S. B. nville	Sh. re	Wood George Three Hills	Clydesdale
Shackel on Frederick O. ds	Belgian	Wyle John C. De Winton	Clyd sdale
Y			
		Yale Kent Flowerdale	Shire
		Yerex Alvin Lamont	Clydesdale

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British Columbia

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
A		D	
Aiken Jas Duncan	Jersey	Copeland W W Cheracut	Jersey
Alexander John New Westminster	Guernsey	Corfield Ernest C R R 1, Cowichan Stat on	Jersey
Aitken Wm P R R 1 Chilliwack	Jersey	Corfield R F Kokislab	Jersey
Amis B G Powell Island	Jersey	Coulter Wm 3790 Kingsway Mackay	Guernsey
Anderson George L Kit mat	Jersey	Courte G Powell River	Jersey
Anderson Jos E Tw n Willows Con n	Jersey	Cowichan Stock Breeders Assoc Box 330 Duncan	Jersey
Antenen Chas 7216 Cambridge Street Vancouver	Jersey	Craster Mrs Alice O Vernon	Jersey
Appleton F G Duncan	Jersey	Craster E S Vernon	Jersey
Armstrong Robt R R Sardis	Jersey	Crockett John Sandwick	Jersey
Ashe E P R R 1 Albert Head V I	Jersey	Cross A L Kelowna	Ayrshire
Ayres Mrs C E R R 1 Sardis	Jersey		
B		E	
Burd R H Nakusp	Ayrshire	Daly F N Vernon	Hereford
Bass G G R R 1 Duncan	Jersey	Darrell Mrs A C Box 174 Salmon Arm	Jersey
Bell Thomas & Son Armstrong	Red Poll	Davenport Chapman Frank & Sons R R 1 Duncan	Jersey
Banford Bros Chilliwack	Guernsey	Davidson H 1971 Thurlow Street Vancouver	Ayrshire
Barker A S Chilliwack	Guernsey	Davis E H Comox	Jersey
Barton Charles W Dundarave	Guernsey	Davis John R R 2 Chilliwack	Jersey
Barton E H Aveiragh R R 2 Chilliwack	Ayrshire	Davis W I & Son Salmon Arm	Jersey
Barly Edw o R R 1 Cumberland	Jersey	Davison Thos Port Hammond	Jersey
Bazett H H Kokislab	Guernsey	Dawson S T Vanouse Bay	Ayrshire
Bazett Wm R R 1 Maple Bay Duncan	Jersey	Dean Bros R R 1 Royal Oak	Red Poll
Bellevue Jersey Farm County Line	Jersey	Dalyworth Leslie Kelowna	Hereford
Bellhouse Thos Gahano Island	Jersey	Doering Charles Ashcroft	(h) Jersey
BENJAMIN H A Fraser Arm Burnaby	Guernsey	Doering Mrs Chas Duncan	Jersey
Berry J W & Sons Langley Prairie	Jersey	Doering Chas Duncan	Jersey
Bevan H W Duncan	Jersey	Doherty Geo H Summerland	Jersey
Bird Donald E Box 600 Arms rong	Jersey	Douglas Lake Cattle Co Ltd The (F B Ward Manager)	Shorthorn
Birley Vernon R R 1 Duncan	Jersey	Douglas Lake Nicola	(h) Jersey
Blair G J Milner	Ayrshire	Duke Bros Cow chaw Station	Jersey
Boothby Charles E Mission City	Guernsey	Dumville A E Sardis	Jersey
Boydhaugen Fred C Vanderhoof	Ayrshire	Dun Waters J C Finty Okanagan Lake	Ayrshire
Bower Walter Box 90 Golden	Ayrshire	Dwyer Wm M Duncan	Jersey
Boyce B I Kelowna	Jersey		
Boys Industrial School The Box E Port Coquitlam	Jersey	F	
Bradley Mrs J Katherine Box 196 Duncan	Jersey	Fanning W G R R 1 Vernon Road Kelowna	Jersey
Braun T H Sardis	Guernsey	Farrell Wm R R 1 Burne	Guernsey
Bray R chard 28 John son Street Victoria	Ayrshire	Fentunan Catherine Stevenson	Jersey
Brehaut Albert Box 54 New Westminster	Jersey	Fletcher John W Sardis	Guernsey
Brett Ronald R R 1 Duncan	Jersey	Flett Wallace W R R 1 Duncan	Ayrshire
Bridges Bros Sandwick	Jersey	Forbes Alster Cobble Hill	(p) Guernsey
British Columbia Guernsey Breeders Assoc Sardis	Guernsey	Forde L O Francis Lake	Jersey
Brooke Arthur A Salmon Arm	Jersey	Forrester William R R 1 Ladysmith	Jersey
Brooke Thos C Stevenson	Guernsey	Fox Leonard R 1335 77th Av E South Vancouver	Ayrshire
Brooks W T, Drawer 1418 Ladner	Jersey	Fraser William Kootenay Bay	Shorthorn
Broughton B D Courtenay	Jersey	French P E Box 337 Vernon	Shorthorn
Brown Roy W c o Province Newspaper Vancouver	Jersey	Frolek George Kamloops	Jersey
Bruce Robert Midway	Ayrshire	Fry Tristram W Pender Island	Jersey
Bryant George H Rosedale	Jersey	Fulton Douglas Box 185 Duncan	Jersey
Bryant R A Rosedale	Jersey		
Buchanan R R R R 3 Armstrong	Jersey	G	
Bullock H W Ganges Harbour	Jersey	Gaisford J Westholme	Jersey
Bulman T A R R 1 Sardis	Shorthorn	Gane C O R R 2 Chilliwack	Jersey
Burbridge H E Royal Oak	Jersey	Gaven Frederick Vernon	Hereford
Burgess E L Victoria Ranch Co Kamloops	Jersey	Ge dit Alfred Courtenay	Jersey
Burkitt W T Shirley Farm Salt Spring Island	Jersey	Gibson E F Salt Spring Island	Guernsey
Burnett J L K Cowichan Stat on	Jersey	Gill Charles Chilliwack	Jersey
Burrow Jos Vernon	Jersey	Gill E L Albern	Jersey
		Gillespie Alex East Sooke	Hereford
C		Goodman A R G Monte Creek	Jersey
Cartwright Geo Friskson	Jersey	Gordon Claud A R Duncan	Red Poll
Chapman J D & Sons Spr ok H H Farm R R 1 Duncan	Jersey	Gowans Bros Beatrice	Friesian
Chapman Harry Box 25 Vernon	Jersey	Gowen Hammond North Bend	Guernsey
Chapman Norman Chilliwack	Guernsey	Gowing H G Salmon Arm	Jersey
Chapman J W Wkeham Enderby	Jersey	Green Thomas South Wellington	Jersey
Charlesworth I Clinton Mara	Jersey	Gill n C Stuart Comox	Jersey
Chevalier L R R 1 Sardis	Jersey	Gill n E W Box 231 Duncan V I	Jersey
Clarke J M Port Washington	Jersey	Gummer Bros Port Washington Islet	Jersey
Clark George S Sars	Jersey	Gusman C Chilliwack	Guernsey
Clark Ira W Sardis	Guernsey	Guyes B Alderbrook	Jersey
Clark Leonard Gray Creek	Ayrshire	Curney Henry Sandwick	Jersey
Clarke Alfred Ganges Salt Spring Island	Jersey	Cuthrie H Comax	Jersey
Clarke J A Box 4 Salmon Arm	Jersey		
Clement W J 409 11 Street New Westminster	Jersey		
Cliff L K Sandis	Jersey		
Clouston Duncan Cedar V I	Jersey		
Col ne Bros Ganges	Jersey		
Collyer A I Chenuus	Jersey		
Cook C L Aljerave	Guernsey		
Cook W N Armstrong	Jersey		
Copeland J H R R 1 Chilliwack	Jersey		

Name and Address	Breed	Name and Address	Breed
H		N	
Hadden, C. H. Duncan	(4) Jersey	Mencke W. A. 1245 Perry Road Vancouver	Hereford
Haden W. H. Aldergrove	Guernsey	MENZIES, A. H. & SON, Pender Island	Jersey
Hamilton C. G. Port Washington	Jersey	McElroy M. S. Bonny View Farm Vernon	Ayrshire
Hamilton Joseph Chilliwack	Jersey	Mitchell E. Lawrence Box 123 Kelowna	Jersey
Hamd Estate of C. H. Chilliwack	Jersey	Mitchell Samuel, R. R. 1 Burne	Ayrshire
Hansen Peter M. Cochin	Guernsey	Moffatt Henry Huston Alexandria	Jersey
Hardy, C. H. (B.C. Development Syndicate) Armstrong	Shorthorn	Moore J. L. Woodville Ranch Armstrong	Jersey
Hardy Mrs. Mabel J. Courtenay, Victoria Island	Jersey	Moore J. H. Colony Farm Essondale	Friesian
Harrington Reynolds Peachland	Jersey	Morris Bernard H. Box 111 Landerby	Ayrshire
Harris Lewis County Line	Guernsey	Morris Frederick C. Cobble Hill	Guernsey
Harris R. W. D. Tappen	Jersey	Morris James Agassiz	Red Poll
Harrison Brian A. Langley Prairie	Guernsey	Muir Bros. Westwick	Jersey
Harrison, J. L. Box 125 Agassiz	Jersey	Murray I. I. 510 Carleton St. South Vancouver	Jersey
Hartson Edward Fenderby	Jersey	Murray Mrs. H. R. 510 Carleton St. S. Vancouver	Jersey
Hart Mrs. B. F. Osoyoos	Jersey	Murray John R. J. Esperson Road Chilliwack	Ayrshire
Hassell I. P. R. R. 1 Duncan	Jersey	Mutrie J. T. Vernon	
Hassen Matt Armstrong	Shorthorn	O	
Hawkes Tom Box 3 Golden	Ayrshire	Nelmes Mrs. Charlotte Chilliwack	Guernsey
Hawkins Edmund C. Crofton	Jersey	Nelson H. S. 100 Denver	Guernsey
Hawthorne Charles Chilliwack	Jersey	Newson Ian & Sons R. R. 1 Burne	Jersey
Hayward W. C. Langley Prairie	Guernsey	Nicholson F. W. Ardley	Jersey
Henneke C. I. Salt Spring Island	Jersey	Norbury Walter R. R. 1 Saanichton	Ayrshire
Henniker E. C. I. Box 59 Landerby	Jersey	Noir L. F. The Norns Cowichan	Jersey
Hernburn John Sardis	Guernsey	P	
Herrington William C. Box 100 Dewdney	Jersey	Patson Mrs. Agnes Marion Duncan	Jersey
Higgs F. F. Albert Head	Jersey	Palmer & Johnson Port Crawford	Ayrshire
Hill David Chilliwack	Guernsey	Parker Wm. R. R. Armstrong	Shorthorn
Hillier, S. G. Aldergrove	Guernsey	Patterson A. D. Landerby	Jersey
Hillis H. M. 507 Belmont Building Victoria	Guernsey	Pearkes Miss H. W. Mount Tolmie	Jersey
Hirth Osoyoos County Line	Guernsey	Pearse Thomas Cumberland	Jersey
Holck T. H. R. R. Chilliwack	Jersey	Peers E. L. Hedley	Jersey
Holland Wm. McD. Gabriola Island	Jersey	Pennan John R. R. 1 Langley Prairie	Jersey
Holmes C. C. Sandwick	Jersey	Peterson J. S. R. R. 1 Wellington	Jersey
Hop J. P. van der Hovey Farm Pemberton Meadows (A)	Ayrshire	Philpott R. C. Calgary Farm Chilliwack	Jersey
Hopkins G. T. Sandwick	Guernsey	Piercy Harvey W. Denman Island	Jersey
Hornby Willam Box 32 Armstrong	Jersey	Pollard H. Goldstream Ranch, Vernon	Shorthorn
Hunter A. W. Armstrong	Jersey	Pullock W. H. Murrayville	Jersey
Huntington L. W. Cobble Hill	Jersey	Potter Thomas H. Chemainus	Guernsey
Hurford Richard U. Courtenay	Jersey	Porter W. J. Aldergrove	Guernsey
J		Powley W. R. Vernon	Guernsey
Jackson V. A. Duncan	Jersey	R	
Jaynes W. P. Duncan	Jersey	Raby Sidney R. R. 1 Sardis	Jersey
Jess Alexander R. R. Chilliwack	Jersey	Raymont A. J. Sooke	Jersey
Johnston A. C. Somers	Jersey	Reade G. B. Sardis	Guernsey
Jones Charles R. R. 1 Burne	Jersey	Recka Ram Chilliwack	Guernsey
Jones D. C. Lillooet	Ayrshire	Reddel H. E. W. Port Hammond	Guernsey
Jones Mrs. J. W. Eden Mount Fruitvale	Ayrshire	Reddel H. R. A. Port Hammond	Guernsey
Jones W. F. 850 Hastngs Street Vancouver	Jersey	Reid Bros. Bridesville	Hereford
K		Reid William Box 161 Vernon	Shorthorn
Kay Chris Kaleden	Jersey	R. P. n. & Atwood R. R. 1 Summerland	Jersey
Kier George A. Somers	Jersey	Riverside Stock Farm R. R. 1 Burne	(A) Guernsey
King Bros. Highcroft Ganges	Jersey	Roberts Cyril Sardis	(P) Guernsey
Kirkham William 510 Park Street South Vancouver	Jersey	Robertson Mrs. E. A. Landerby	Jersey
Knight A. Victoria	Jersey	Robson F. Marine Island	Jersey
Knudson Knut Osoyoos	Jersey	Rogers George Box 1043 Victoria	Guernsey
Kuysk I. C. van Port Alberni	Guernsey	Rogers Mrs. Nancy Tappen	Jersey
L		Ru ker D. R. Abbotsford	Guernsey
Lambert Mrs. Jean G. Whonnock	Jersey	S	
Lamont John Duncan	Jersey	Salmon River Land Co. Ltd. The Falkland	Shorthorn
Lawrence William Langley Prairie	Ayrshire	Satterthwaite W. G. County Line	Guernsey
Lee J. H. Fulford Harbour Salt Spring Island	Jersey	Savoy Mrs. L. M. A. Langford	Jersey
Leech Daniel H. Salmon Arm	Jersey	Sawyard J. A. Alderley Farm Royal Oak	Ayrshire
Leves C. E. Kelowna	Red Poll	Scott Walker W. Hamston Island	Jersey
Lister Thomas R. R. 2 Chilliwack	Jersey	Service A. G. R. R. 1 Burne	Jersey
Lloyd F. C. Crofton	Jersey	Seward W. G. Golden	Ayrshire
Lloyd Frank Westholme	Jersey	Shannon Bros. Cloverdale	(A) Ayrshire
Lundsen William Box 3 Golden	Ayrshire	Shore Lloyd Ageron	Jersey
M		Simpson J. County Line	Guernsey
McArthur W. T. 1012 Granville Street Vancouver	Ayrshire	Smith M. J. Agassiz	Guernsey
McCutcheon John F. Sardis	Guernsey	Smith George H. Box R. Agassiz	(P) Jersey
MacDonald A. D. Sidney	Shorthorn	Smith Thomas D. Sandwick	Jersey
MacDonald Buchanan Mrs. C. Goldstream Ranch Vernon	Shorthorn	Smith W. N. Sandwick	Jersey
MacDonald D. D. Boundary Falls	Ayrshire	Solly L. T. Lakeview Farm Westholme	Guernsey
MacDonald Duncan, Burne	Jersey	Somers J. E. Alberni	Jersey
MacDonald Thos. Fallside Extension	Jersey	Spencer Dav. J. L. 115 Hastngs St. Vancouver	Jersey
McGillivray Mrs. J. W. Atchelt	Jersey	Stanhope I. W. R. R. 1 Duncan	Jersey
McIntyre Wesley R. R. 2 Sardis	Jersey	STEVENS, R. H. Armstrong	Jersey
McKay Mrs. Mary C. Enderby	Jersey	STEVENS J. H. & SONS, Stevenson	Hereford-Friesian
McKenzie, John Comax	Jersey	Stewart J. H. 1000 Port Moody	Jersey
McLennan, R. I. Vancouver	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
Matland Robert, Agassiz	Guernsey	St. Ker H. L. 1000 Port Moody	Jersey
McLuskey Douglas W. Wellington Vancouver Island	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
Mannell F. E. Ganges	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
Marshall C. S. 710 Vancouver Street Victoria	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
Marsden G. L. Cynrency Stock Farm South Westminster P.	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
Martinez Donal Boxer Point Salt Spring Island	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
Mason J. S. H. 1000 Daily Colonist Victoria	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
Matthews, A. S. Westholme Vancouver Island	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
Mavard J. T. Chilliwack	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
McLennan Samuel, Chilliwack	Jersey	St. Ker H. L. 1000 Port Moody	Jersey
McNeill M. A. Laidlaw Somers	Jersey	St. Ker H. L. 1000 Port Moody	Jersey

Name and Address	Breed	Name and Address	Breed
T			
Tarry P Frank Tarrys	Ayrshire	Waby H E, R.R.1 Enderby	(s) Red Poll
Taylor Mrs Cora R.R.1 Abbotsford	Ayrshire	Wainwright W S Alcazar Hotel Vancouver	Jersey
Taylor P W de P Spoke Vancouver	Jersey	Walcut John O Cowichan Station	Jersey
Tenzdale J H Sardis	Guernsey	Waldon W & M Duncan	Jersey
Thomas L Ivor Box 619 Nanaimo	Jersey	Walker B C Duncan	Jersey
Thompson John Cedarvale	Avrshire	Walker George Cloverdale	Guernsey
Thompson Mrs Mabel R.R.1 Langley Prairie	Jersey	Walker W B R.R.1 Chilliwack	Avrshire
Thompson R R.R.1 S. dney	Jersey	Wanless Raymond Merritt	Jersey
Thompson Will am Box 515 Duncan	Jersey	Wanless Ruth E Merritt	Jersey
Thompson William Box 14 Keremeos	Ayrshire	Watson Arthur L Box 570 Duncan	Jersey
Tisdall Mrs C A The Grange Somenos	Jersey	Watson C A Abbotsford	Guernsey
Tollet Wilfred Stevenson	Guernsey	Watt J & Sons Somenos V I	Jersey
Tolme S F Victoria	Jersey	Watt John Knutsford	Shorthorn
Towler Bruce Courtenay	Jersey	Wells E A Edenbank Farm Sardis	(sk) Ayrshire
Townsend George H R.R.1 Duncan	Jersey	Wellen Canada Ranching Co Ltd Nanaimo	(sk) Hereford
Tranquille Sanatorium Farm The Tranquille	Hereford	Westland Bros Aldergrove	Guernsey
U			
Uebert Robert Oyama	Shorthorn	Whitney Griffiths Bros R.M.D.1 Victoria	(s) Jersey
Turner J A S. dney Island	Guernsey	Willett Wilfred A Duncan	Jersey
Turner W Fred J Chilliwack	Shorthorn	Williams M P Vernon	Jersey
Tully L W R.R.1 Chilliwack	Jersey	Wither Mrs T Cobble Hill	Jersey
V			
Vanderburg Archie Brisco	Jersey	Wolfenden Archie Brisco	Ayrshire
Vanderburg Archie Brisco	Jersey	Wood James Cobble Hill	Guernsey
Vanderburg Archie Brisco	Jersey	Woodbridge Mrs M 1600 Haro Street S Vancouver	Jersey
Vanderburg Archie Brisco	Jersey	Wright Bros, Canoe	Guernsey
W			
Waby H E, R.R.1 Enderby	(s) Red Poll	Y	
Wainwright W S Alcazar Hotel Vancouver	Jersey	Yorston Bros, Alexandria	Guernsey
Walcut John O Cowichan Station	Jersey	Younge B Duncan	Jersey
Waldon W & M Duncan	Jersey	Z	
Walker B C Duncan	Jersey	Zink Fritz P Sardis	Guernsey
Walker George Cloverdale	Guernsey		
Walker W B R.R.1 Chilliwack	Avrshire		
Wanless Raymond Merritt	Jersey		
Wanless Ruth E Merritt	Jersey		
Watson Arthur L Box 570 Duncan	Jersey		
Watson C A Abbotsford	Guernsey		
Watt J & Sons Somenos V I	Jersey		
Watt John Knutsford	Shorthorn		
Wells E A Edenbank Farm Sardis	(sk) Ayrshire		
Wellen Canada Ranching Co Ltd Nanaimo	(sk) Hereford		
Westland Bros Aldergrove	Guernsey		
Whitney Griffiths Bros R.M.D.1 Victoria	(s) Jersey		
Willett Wilfred A Duncan	Jersey		
Williams M P Vernon	Jersey		
Wither Mrs T Cobble Hill	Jersey		
Wolfenden Archie Brisco	Ayrshire		
Wood James Cobble Hill	Guernsey		
Woodbridge Mrs M 1600 Haro Street S Vancouver	Jersey		
Wright Bros, Canoe	Guernsey		

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Agriculture (Live Stock Commissioner) Department of Agriculture	(s) Oxford Down	McClughan Brothers Port Kells	(s) Oxford Down
Banford Brothers R.R.1 Chilliwack	(c) Leicester	MacDonald D G Box 130 Vancouver	(s) Southdown
Brown George F R.R.1 Aldergrove	(c) Shropshire	MacKinnon A D E Aldergrove	(s) Southdown
Charles Ralph Barnston Island	(sk) Romney Marsh	McVicker A C R.M.D.1 Victoria	(s) Suffolk
Colonv Farm Essondale	(sk) Oxford Down	NELSON F M, R.R.2 Cloverdale	Suffolk
Donaldson A W East Sooke	(c) Oxford Down	Noble M S Armstrong	
Enke Max Caliano	(c) Suffolk	Parker Arthur T R.M.D.1 Rocky Point V I	(c) Penman
Forster Robert E T Enderby	(c) Suffolk	Penman John Langley Prairie	(c) Poppy
Gambi F A R.R.1 Chilliwack	(c) Dorset Horn	Poppy James R.R.1 Coghlan	
Gibson H J Chilliwack	(c) Dorset Horn	Rominal S Deer Park	
Groves J Douglas Westholme	(c) Shropshire	Scott J R 190 Mile House Cariboo Road	
Hadden C H Duncan	(sk) Lincoln	Smith W H Langford	
Hart n W C Vancouver	(c) Lincoln	Smyth Albert Huntadon	
Hartson Brian A Langley Prairie	(c) Shropshire	Stevens H H White Rock	Shropshire
Hawshaw W H Chilliwack	(c) Cotswold	Stewart Arch C R.R.1 Abbotsford	Lincoln
Henderson Chas P R.M.D.1 S. dney	(c) Lincoln	I niversity of British Columbia Vancouver	(c) Lincoln
Hunter A W Armstrong	(c) Lincoln	Volles Frederick T Los Creek	
Jones Fergus O R.R.1 Cloverdale	(c) Suffolk	Waby H E, R.R.1 Enderby	(s) Oxford Down
Lock W H Langford Vancouver Island	(c) Suffolk	Wells E A & Sons Edenbank Farm Sardis	(s) Shropshire
		Whitney Griffiths Bros R.M.D.1 Victoria	
		Young Mrs B F Jr Box 503 Armstrong	

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agriculture (Live Stock Commissioner) Department of Agriculture	(s) Yorkshire	Cameron G Douglas Kelowna	(s) Yorkshire
Armstrong P O Sooke Box 96	(s) Yorkshire	Cohn H O Merrville	(s) Yorkshire
Armstrong H H A. S. dney R.R.2	(s) Yorkshire	Colony Farm Essondale	(s) Yorkshire
		Connelly H Raeburn Surrey Centre	(s) Yorkshire

Name and Address	Breed	Name and Address	Breed
Davies Harvey, Houston		Merland J W Invermere	
Doyle D L Nelson R R 1		Myers W E New Westminster	
Edgar Thos D Vallican	Clester White	Nicola Lake Stock Farm Ltd Nicola	
Forbes Allister Cobble Hill	(c)	Oulton Geo Smithers	(c) Berkshire
Gilbert Wm Murrayville		Patten W W Armstrong	
Hay Angus L Cranbrook		Peacock W R Notch Hill	
Henson W H Sard R R 2		Roberts Cyril Sardis	(c)
Hopkins J C Armstrong		Sanderson Spencer Parksville R R 1	
Hughes J H Wycliffe	(cs)	Shannon Bros Cloverdale R R 2	(ch)
Hunter A W Armstrong		Skin M H Hatlie	
Jones M D New Westminster Box 503	Yorkshire	Spelman J Pouce Coup	Yorkshire
Ielsey John Rob a Rouge		Spencer David Ltd 315 Hastings St Vancouver	(c)
McCluskey Bros Port Kells	(s) Yorkshire	Tibbets Donald Marysville	
McMillan Allister, Evelyn	Yorkshire	University of British Columbia Vancouver	(cs) Yorkshire
McVicker A C Victoria R R D 1	(s)		Berkshire
Marshall A G Lyngcunry Stock Farm South Westminster	(c)		Duroc Jersey

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Annapolis Stock Farm New Westminster		Holmes W H Box 73 Ladner	Clydesdale
Barkley Robt E Westholme	Hackney	Hoop J P van der Hopeway Farm Pemberton Meadows (c)	
Bellamy Jas R R 2 Sardis	Shire	Hortley Leyland Ladner	Shire
Bessett John H Vernon	Shire	Hume & Storey Ladner	Clydesdale
Brett W O Kamloops		Hutcheson C Chulivack	Hackney
Britsh Columbia Fm Lands Ltd Kamloops	Clydesdale	Jameson James M Post Office Box 91 Enderby	Clydesdale
BURNA, COUNTESS IRENE MARY Kelowna	Clydesdale	Knowlton E S Hastings Street Vancouver	Standard
Bullock H W Salt Spring Island	Shire	Laing Thomas Eburne	Clydesdale
Bulman Joseph Kamloops	Clydesdale	Leghion Jas B Savona	Thoroughbred
Carlisle E H H Golden	Shire	McGregor D C Fraser Arm	Hackney
Catt Hugh C Lumby	Percheron	McKirdy Bros Chulivack	Clydesdale
Cochrane W H 416 Constance Avenue Esquimalt	Thoroughbred	Maynard J T Chulivack	Shire
Colony Farm Essondale	(cp) Shire	Montgomery D & Sons Ladner	Clydesdale
	Hackney	Morrison J S Stump Lake	Clydesdale
Dave Alexander Ladner	Clydesdale	Paes T F West Summerland	Hackney
Dennison R H Box 21 Newdale	Clydesdale	Pemberton F B Victoria	Clydesdale
Doering Charles Ashcroft	(c) Standard	Rivers de Stock Farm R R 1 Eburne	(c)
Doherty C E New Westminster	Hackney	Sangster George S dary	Hackney
Douglas Lake Cattle Co Ltd The (F B Ward Manager)	Clydesdale	Shannon Bros Cloverdale	(cp) Hackney
Doyle Glas Lake Nicola	(c)	Shaver J S Rock Creek	Hackney
Down Joseph O Holland	Clydesdale	Smith A C & Co West St John	Shire
Down W W Glenboro	Shire	Smith T J 1218 Bu e Street Vancouver	Hackney
Duncan Andrew Okanagan Valley Vernon	Clydesdale	Spencer C Hanceville	Percheron
Dunn C C New Westminster	Shire	Taylor W F Victor a	Thoroughbred
Evans J A Chillwack	(c) Shire	Thomson W Saanichton P O Vancouver Island	Suffolk
Experimental Farm The Dominion Agassiz		University of British Columbia Vancouver	(cp) Clydesdale
Gibson Luke Grandview Ranch Princeton	Thoroughbred	Wells E A Edenburg Farm Sardis	(c) Clydesdale
Goyette E S Royal Oak P O Victoria		Western Canada Ranching Co Ltd Kamloops	(cs) Shire
Grant Charles M Iner			
Hadwen G H Duncan & Son	(c) Hackney		
Harvey C B Box 164 Alberta	Clydesdale		
Hicks W H Agassiz	Clydesdale		

Manitoba

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
A		B	
Agricultural College of Manitoba Winnipeg	(ps) Ayshire	Bailey T E Killarney	Heredford
Akos C C Box 231 Wasegan	Shorthorn	Bain C E Union Stock Yards St Boniface	Shorthorn
Ason George & Son Tumbank	Aberdeen Angus	Barnes Bros Ebbw Vale	Shorthorn
Anderson John & Sons Box 133 Foxwarren	Heredford	Baker W H A H N R R 4 Brandon	Shorthorn
Ashley Joseph Pipestone	Heredford	Bakers J & J Dominion City	Shorthorn
		Bayne W J Kenosha	Shorthorn
		Bell A H Manson	Heredford

Name and Address	Breed	Name and Address	Breed
Bennet Mrs Mary, Harrowby Black S N Box 81 Hartney	Hereford	K	
Bond John A Kenton	Jersey	Kahler Conrad Mohne	Shorthorn
Boote Harold V Pilot Mound	Hereford	Kelly Frank Melita	Hereford
Boyce W G Oak Lake	Hereford	Kerman John McAuley	Hereford
Boyd N A Carberry	Galloway	Kilich John Hamota	Shorthorn
Bradley John A Room 707 Boyd Bldg Winnipeg	Jersey	Kitchner R W Drawer 107 Souris	Shorthorn
Braid William Oak River	Ayrshire	Kuttel J W 2-0 Maryland Street Winnipeg	Shorthorn
Bridge Melville J Isabella	Hereford		
Bridgeman Frank R R 1 Rivers	Hereford	L	
Brown E L, Souris	Hereford	Lang H David Groux	Jersey
Brown John Box 319 Neepawa	Ayrshire	Langford George Box 1 Eriksdale	Ayrshire
Brown William R R 1 Deloraine	Ayrshire	Lansing Freeman Varden	Hereford
		Leader Harry Burnside	Aberdeen Angus
C		Leggat William, Birtle	Shorthorn
Cameron John A Oak Lake	(h) Hereford	Little H Fork River	Galloway
Campbell J F Miami	Aberdeen Angus	Lobb W W Berton	Hereford
Cann W T Box 97 Cromer	Hereford	Londry Roy Box 553 Minnedosa	Hereford
Canning W A Deleau	Hereford		
Carr John C Homewood	Shorthorn	M	
Carnitt J W Sydney	Galloway	McComb Wilmott Beesford	Red Poll
Chalmers J & J Hayfield	Hereford	McConnell E W Box 14 Hamota	Shorthorn
Chapman H N Hayfield	Hereford	McDonald E S Brookdale	Aberdeen Angus
Christie Edward L & Harney	Hereford	Macdonald J S & S McNeans Winnipeg	Hereford
Churchill John Deane 17 Morris	Hereford	McFadden D H & Sons Emerson	Hereford
Clark Simon Routhwaite	Hereford	Macfarlane Donald Box 53 Oak Lake	Aberdeen Angus
Clendinning H V Harding	Red Poll	McKenzie W K Box 75 Rapid City	Hereford
Clouston J C Grayville	Jersey	McKillop John A Box 116 Dauphin	Guernsey
Coombs A E Dauphin	(h) Hereford	McLean E W 913 Alexander Avenue Winnipeg	Hereford
Cormack Isaac Kenton	(h) Hereford	McLean J D Killarney	Jersey
Cos R A Berton	Hereford	McLean R J Strathclair	(p) Jersey
Craig George Brookdale	Shorthorn	McLean T W Strathclair	Jersey
Craig William Dauphin	Guernsey	McLeod A E Macdonald	Red Poll
Cummings L R Box 275 Souris	Hereford	McNulty Thos H Strathclair	Jersey
Cunningham J R Hayfield	Hereford	MacPherson Ritchie 718 Rosser Avenue Brandon	Hereford
		Maguire Chas W Box 97 Kelwood	Hereford
D		Maguire W J Box 63 Elgin	(h) Hereford
Dayton Charles D Varden	Hereford	Mason Normandas Oak Lake	Jersey
Deleau Gaston Delea	Hereford	Matchett Sandy Therne	Shorthorn
Dobbins The Estate of E F Melita	Hereford	Miler James I Carman	(s) Shorthorn
Duncan James Deleau	Hereford	Milne Ross McKinn	Aberdeen Angus
Duthie Jas Hartney	(p) Shorthorn	Mitchell David La Riviere	Hereford
Dutilleul Eugene Laurier	Hereford	Mitchell W R Box 91 Nunga	Hereford
Dutton John R Gilbert Plains	Hereford	Moffat James J Carroll	Shorthorn
	Ayrshire	Mur E H High Bluff	
E			
Edwards W V Souris	Jersey	O	
Elliott A J Methven	Shorthorn	Oxby Fred W Box 127 Somerset	Shorthorn
Elliott Jas 401 Vernon Road St James	Jersey		
English A G Harding	Hereford	P	
		Peters Clarence Tilston	Hereford
F			
Facey A J Dunallen	Ayrshire	R	
FALLIS R J Souris	Hereford	Ramage R B Greynow	Hereford
Fenton Bros Salsgrith	Hereford	Rankin A & J Killarney	Hereford
Fleming R G Hartney	Hereford	Reece J C Emerson	Jersey
		Rice Freeman Binscarth	Shorthorn
G		Richardson Jas & Sons Ltd 1008 Grain Exchange, (p)	Shorthorn
Gartland W P Carberry	Hereford		
Gellie Stuart Harrowby	(h) Shorthorn	Richens George C, Holmfild	Jersey
Graham Harold	(h) Shorthorn	Riversview Ranch Co Varden	Aberdeen Angus
Graham David G Foxwarren	(h) Ayrshire	Robbins H A Rivers	Hereford
Graham J O Box 5 Petersfield	Jersey	Robson William Deleau	Hereford
Graham John Carberry	(h) Shorthorn	Rutherford R W Teulon	Hereford
Grey J G Varden	Hereford	Rutherford S Hamota	Hereford
Guild James Elkhoru	Shorthorn		
		S	
H		Salmon S Birtle	Ayrshire
Hacking W H Box 41 Salsgrith	Shorthorn	Scott G H Hazelbridge	Hereford
Hamilton J J Box 87 Neepawa	Jersey	Scott Hugh C Ashville	Hereford
Hanson S Du Roy Cartwright	Jersey	Shanks John Box 3 Pettapiece	Ayrshire
Hart Hoon, Clouston	(h) Hereford	Short W J Shool Lake	Shorthorn
Harvey A J Box 15 Oak Lake	(h) Hereford	Sandour James Oak River	(h) Hereford
Hay Alex Hayfield	Hereford	Smith & Honeyfield Hargrave	Jersey
Holme John R Box 55 Souris	(p) Aberdeen Angus	Southward John H Box 124 Elgin	Jersey
Hunter Arthur Foxwarren	Hereford	Stead Ross R R 6 Charlottetown	Hereford
Hunter George A Pilot Mound	Hereford	Steel A E Holmfild	Ayrshire
Hunter Mrs W W Box 767 Reston	Ayrshire	Steel Bros Clendon	Ayrshire
Hutchinson Melvin A Cardale	Hereford	Septhens B J Cardale	Hereford
Hypoc Harry Killarney	Hereford	Stewart D L Lena	Ayrshire
		Storey H H Mami	Hereford
I		Strachan J Pope	(h) Shorthorn
Iversch William Isabella	Shorthorn	Swinton J & Sons Cypress River	Hereford
J		T	
Jackson Clarence A Rannerman	Hereford	Telford Thomas Shool Lake	Hereford
Johnson L F Box 491 Varden	Shorthorn	Tolson H R Oak Lake	Shorthorn
Jones A Bownean	Hereford	Turner James Carroll	Aberdeen Angus
Jones T W, Mundely	Hereford		

Name and Address	Breed	Name and Address	Breed
V			
Van Horne Farm East Selkirk	Cuernsey	Washington J G & Son Ninga	(h) Shorthorn
Venables Thomas B, Box 11, Fork River	Shorthorn	Watters James Austin	Hereford
	Hereford	Wedderburn A S Bradward ne	Avonshire
		Weldon E G Likhorn	Hereford
		Westover Alvin Coulter	Brown Swiss
		Whetter Bros, Dand	Hereford
W		White Wellesley & Son Thornhill	(p) Shorthorn
Walch Land Co The Corner Portage Avenue and Ford	Shorthorn	Williamson W H R R I Brandon	Hereford
Street Winn peg		Wilson D J & Son Fork River	Galloway
		Wright David Wellwood	Hereford

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
A		J	
Agricultural College of Manitoba Winnipeg	(cpk) Shropshire	Jones Wm Jas McAuley	Oxford Down
B		L	
Bartlett James Box 61 Oakville	Leicester	Langrell Frank T Woodlands	Shropshire
Boulton Albert Morden	Oxford Down		
Bowman W R, Alexander	Oxford Down	M	
Boyd R Dauphin	Oxford Down	McClay Thos Belmont	
Bredt F F Kenney	(p) Shropshire	McFie James Torr Box 115 Carman	Shropshire
Brown Stewart Mayfield Station	(p) Suffolk	Matthewson J Woodnorth	Oxford Down
C		Miller J I Carman	(c)
Chester W E & Sons Reston	Oxford Down	P	
Collins Bower, Inwood		PATERSON DAVID Helston	Suffolk
Conner Bros Box 307 Deloraine	(ck) Le cester		
Cormack Isaac Kenton	Southdown	R	
Cosgrove C A, Napinka		Richardson Jas & Sons 348 Grain Exchange Winnipeg (cp)	Oxford Down
D		Roberts D L Austin	Oxford Down
Davidson J B Carman	Shropshire	Robinson J Bas I Belmont	Southdown
Drewry Johnson Mather	Shropshire	Robson H E, Carman	
E		Rollins J W Langruth	
Evans C G M R R I Clarkleigh	Oxford Down	S	
Experimental Farms Director Brandon	Oxford Down	Scott William S Dominion City	
Eyolfson Sveinn B frost		Smith Bros Springfield	(p) Suffolk
F		Smith George E V Crystal City	
Fleming H Wawanesa	Oxford Down	Somerville Estate of T A Box 193 M. J.	Le cester
Foster Calvin Mather	Shropshire	Stevenson C S Shoal Lake	Oxford Down
G		Stevenson John L T Wawanesa	(p) Oxford Down
Gordon Clifford Oak Lake	(p) Oxford Down	Strachan A J Carman	(l) Oxford Down
Gordon George Oak Lake		Swallow K W Do glas	
Gordon W B Oak Lake	(cpk) Oxford Down	T	
Graham Andrew Roland		Thompson Robt J Oakville	
H		Trentham S Bowman River	Oxford Down
Hancox H Domain on City		Tullrich James Grayville	Oxford Down
Hardforth R Box 393 Virden	(c) Oxford Down	W	
Hart Bros Gladstone		Wallace J D D T Stockton	
Hartley W G Waskada	Oxford Down	Waterhouse H A Castle Point	Oxford Down
Hill W H am, Woodnorth	Oxford Down		
Holland W K Oak Lake	Shropshire		
Huston James A Carman	Oxford Down		

Pig Breeders

Name and Address	Breed	Name and Address	Breed
A		B	
Ader Albert, Makaroff	Yorkshire	Baker George A Neepawa	Yorkshire
Ady R C Culbert Plains		Legg W A Rowley	
Agnew D W, Dourlan		Bergman Iv er B Plum Coulee	(h) Yorkshire
Agri cultural College of Manitoba Winnipeg	(ck) Yorkshire	Breit I E Kenney	Yorkshire
Aspley James A Roland	Poland China	Brown C Albert Selkirk	(h) Yorkshire
Allen John C, Blain		Brown Cewart Ma field Station	(h) Yorkshire
Anderson R G Dugald	Yorkshire	Brown W H Box "5" Arden	
Anderson Roland G F Roland		Brown W H J Nairn	
Anderson W L, Roland	Yorkshire	Burns W W 205 Commercial Bldg., Winn peg	
Anderson William Lenore	Yorkshire	Burby W H Box "26" Kenyon	

Name and Address	Breed	Name and Address	Breed
C		M	
Calvert Hector Carberry		Mabb H L Box 27 Fisher Branch	
Calvert Kenneth Carberry		McCausland E H Bo sseva n	Yorkshire
Carnham W S Kemnay		McCua g Mrs Violet & Son Box 46 Cardale	Yorkshire
Cheasley H ram Alexander		McCulloch Robert W Killarney	
Clark A E Stonewall	Yorksh re	McDonald C M Nap aka	Yorkshire
Clark Chester Rounthwa te		McDonald John Oak Lake	Yorkshire
Clark H M Brandon	Tamworth	McGregor J D 25 Security Bldgs Brandon	Berkshire
Clark Peter A Fdale		McGregor J H Manitou	Yorkshire
Couch F H Swan Lake		McIntosh F W Manitou	Yorksh re
Coxe S A Brandon		McKee Alex Oak Bluff	
Cranswick Arthur W Moorepark	Yorksh re	McLean Chas Kalkida	
Crerar T A Wynn peg	Yorksh re	McLean James R Reston	Yorkshire
Curne R C Thornhill		McLean R J Strathclair	(c) Yorkshire
D		McPha l A C R R S Brandon	
Dales Walter Sperling		McPhail Alex R R S Brandon	Yorkshire
Darling Adam Napuka	Yorksh re	McPhail Robert R R S Brandon	
Dawson C S Moorepark	Yorkshire	McPherson R 125 11th St Brandon	
Deerson George M Arden	Yorksh re	McPherson C H Box 284 Delora ne	
Dobson A Altamont		Mansfield G W Moore Park	
Dodds Peter Box 81 Elgin	Yorkshire	Mart n John A Sperling	Yorkshire
Donovan M B Sanford		Martine Marcel Grande Clairiere	
Downing William S Lenore		Mellow Harry Sanford	Yorksh re
Doyle W R Beulah	Tamworth	Mental Hospital Farm Brandon	Yorksh re
Draper Robert Box 36 Lenore		Miller T V sta	
Drew Wallace Tricheure	Duroc Jersey	Milliken George Resto	Yorksh re
Dyrsdale Robert R R Brandon		MODELAND W K & N L Oak Lake	Berkshire
Duncan Bros Darlington		Mothral I Snowflake	
Duncan J R Reston	Yorksh re	Muncon M C Purves	Duroc Jersey
Duth e Jam s Hartney	Berksh re	N	
Dyck J N Lowe Farm		N choll J A Rosendale	(A)
Dyck John P Winkler		N sh Wm J Melbourne	
E		Nystrom John Mulvi H II	
Elmhurst Henry Carberry		P	
English A C Harding	(c)	Page David Basswood	Yorkshire
Evans A C Elm Creek	(h)	Palmer F Virden	Yorkshire
Ewens Jas W Bethany		Partridge C M Grandall	
F		Patterson J A & Son Roland	
Fennelly John F Somerset		Perr n T L Goodlands	Berksh re
Ferns Wm J Box 39 Sperling	Chester Wh te	Peters Mrs Maria Rosenf eld	Duroc Jersey
Florence W O Dugald	Yorkshire	Peterson Olof Munnedda	
Forbes Robert Hartney	Yorksh re	Pickering J S Underhill	
Forbes Russell Hartney	Yorkshire	Pierce J M Croil	Duroc Jersey
Fraser J A Portage la Pra ie		Pilling W C Kemnay	
G		Porte Albert Plum Coulee	
Garet Simon Ste Agathe		R	
Gordon George Oak Lake	(i)	Rank F St Rose	
Graham Andrew Roland	(csh)	Re d James Amaranth	
Gray John A Brandon		Rett e J E Brandon	
Guthrie E J R ston		Rice W E Box 33 Wawanesa	Yorkshire
H		Richardson & Sons Ltd 1006 Grain Exchange Winnipeg (cr)	
Hayward Chas H Routledge		Robinson W G Carman	Yorkshire
Hailton Jas P Poplar Point		Robson W J Darlington	Yorkshire
Hayward John D Morris		Robson L V Deleau	Yorksh re
Heritage A W Harmsworth	Hampsh re	Rutter Walter Rosebank	
Il chs W H Souris	Berksh re	Ryden E C Locksdale	
Hildebrand B A Box 105 Wakler	Yorkshire	S	
Hopks J T R R I Elm Creek		Sanders C McG Poplar Point	
Hughson C H P ne Creek	Tamworth	Sanderson R Portage la Pra ie	Yorksh re
Home John R Box 85 Souris	(c)	Scott Robert H Eden	Yorkshire
Hunter Clifford K Kenton	Yorksh re	Senkbe l Edward Kemnay	Berkshire
I		Sharp Russell M Edgars	
Industrial Training School Portage la Prairie		Sharp Sattel He Elm Creek	
Irwin Chas E Newdale	Yorksh re	Shoemaker Allen Grand View	Yorkshire
J		Smclair W H C Swan River	Yorksh re
James C M Rosser		Slmmon J G & Son Oak Lake	Yorksh re
James E R Rosser	Yorksh re	Smell e Bros Ltd Shoal Lake	(s) Yorkshire
James J 637 Louise Ave B ando i		Smith Bros Sprung eld	Yorkshire
Jordan Ed Darlington		Smith Dav d Gladstone	Tamworth
K		Smyth Wesley Chater	
Kite G R Pettapiece	Yorkshire	Sparks John L Box 96 Oaklake	
L		Stebbing I ed e R Graysville	(s) Yorkshire
Lalng R D Stonewall		Stevenson John L T Wawanesa	
Lawrence W E V den	Chester Wh te	Strachan John Carman	
Lawson Albert Darlington	Yorkshire	Stuart Alex H Wood Bay	
Lea Richard R R I Franklin	Berkshire	Stuart D R 135 Renfrew St Winnipeg	
Leeming Arthur Ste Aka he	Yorksh re	Sutherland G N Box 10 La Riviere	Yorkshire
Levey W J St		Sw trer John I etrel	
Love R C Elm Creek	(A) Yorkshire	T	
Love W J Hiland		Templer P Macgregor	Yorkshire
Lowc F H H netto		Templeton Roy Balldur	
Luey C R Hildn		Thompson Bert Lake Franc s	
Lu y W H Box 92 Elgin	Yorkshire	Tolton J H Oak Lake	
		Troop W J Box 99 Portage la Pra ie	Berkshire
		Turner Bernard N nga	
		V	
		Verschoore F Fort Garry	

Name and Address	Breed	Name and Address	Breed
W			
Waddell Allan, Newdale		Wilton W A Roland	
Waddell Wm J, Box 108 Sperdy	Yorkshire	Widdons G F Deer Horn	Yorkshire
Wallace Patric Box 149 Rapid City		Wissett R B Macgregor	Yorkshire
Warren R D L Isabella		Woods Thos R Biscarth	
White & Sons Wellesley Thornhill	(c)	Wyllie A M T Teulon	
Williams John Melita			
Willoughby Wm Varden		Y	
WILTON H M, Glenboro	Yorkshire	Young J W High Bluff	

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A			
Adams John Minto	Shire	Gibb M Rosebank	Clydesdale
Adams W S Marden	Clydesdale	Gibson Thomas E Hartney	Clydesdale
Agricultural College of Manitoba Winnipeg	(esp)	Gillespie R G Douglas	(esp)
Arnold A E Sboal Lake	Shire	Graham Andrew Roland	
Atkins Jas Macgregor	Shire	Graham C W Winnipeg	Hackney
		Graham John Carberry	(c) Clydesdale
		Graham R W Box 65 Minto	Shire
		Gould William Kenney	Clydesdale
B			
Baird Hugh McAuley	Clydesdale	H	
Baldwin J M Killarney	Clydesdale	Halliday Adam Oakburn	Clydesdale
Baskker W R Napinka	Standard	Hamilton J C Oulare K ver	Clydesdale
Beattie I L Brandon	Clydesdale	Hardy Hanson Carnan	Clydesdale
Beattie James T Oak Bank	Percheron	Harnes W Roger Rounthwaite	Clydesdale
Bergman Peter B Plum Coulee	Clydesdale	Harvey A E Box 15 Oak Lake	(c) Clydesdale
Binnat David Rosser	(p) Belgian	Harvey Peter Elm Creek	Clydesdale
Brown Clarence T Stephentield	Clydesdale	Hastard F J Deloraine	Shire
Brown F L C Rosebank	Clydesdale	HENNING JOHN Portage la Prairie	Clydesdale
Brown R H Dauphin	Percheron	Hicks J H Munga	Clydesdale
Brown Robert, Box 15 Portage la Prairie	Clydesdale		
Bruce Edward Miami	Clydesdale	J	
Burnett James Napinka	Clydesdale	Jardn John Rosendale	Clydesdale
		Jordon John Darlingford	Clydesdale
C			
Cameron A A Oak Lake	Ha kney	K	
Cameron Andrew Moore Park	(c) Clydesdale	Kelly Mart n Douglas	Shire
Cameron John A Oak Lake	Clydesdale	Kennedy John United Grain Growers Winnipeg	Percheron
Campbell D Bossevan	Clydesdale	Kerr Chas Box 217 V rden	Clydesdale
Campbell Robt H Carroll	Shire	Ketcheson G I Box 256 Deloraine	Clydesdale
Canning James	Clydesdale	Kirkwood John G Deloraine	Clydesdale
Carlson Bros Roblin	Percheron	Kippenstein H B Altona	Belgian
Chadbourne John Box 33 Kenton	Clydesdale		
Chambers Percy H Fairfax	Clydesdale	L	
Chapman William Carnegie	Shire	Lemon Jos Winnipeg	Hackney
Cheyne Jas G Melita	Clydesdale	Leslie Bros Tuxedo	Clydesdale
Couter Howard M Roland	Shire	Levin S B # 2 Burrows Avenue Winnipeg	Belgian
Cochran Lew W & Co. Ltd Portage la Prairie	Belgian	Lewis T J H Morris	Standard
Cole Allan K Brandon	Shire	Love W J Holland	(p) Clydesdale
Colthoun & Beattie Brandon	Clydesdale	Lower Thomas Foxwarren	Shire
Coombs A E Dauphin	(c) Clydesdale	Lyne S B Purves	Clydesdale
Cornia & Isaac Keritton	(c) Clydesdale	Lytle Thomas H Roland	Clydesdale
Crawford John Chatter	Percheron		
Crowe J H Gilbert Plains	Shire		
Curtin Thos. Arnaud			
D			
Dando Enoch Waskada	Clydesdale	M	
Derocher Ephraim St. Rose du La	Shire	McBeth E B Oak Lake	Clydesdale
Drysdale J W Neepawa	Shire	McCallum Joseph T Box 110 Elgin	Clydesdale
Dudgeon Bros. Darlingford	Clydesdale	McCartney James S. Macdonald	Clydesdale
		McCoubrey J Crandall	Shire
		McCowan John R K 1 Portage la Prairie	Clydesdale
		McCrindle J M Foxwarren	Percheron
		McDowd James, Broomfield	Clydesdale
		McGregor J D 25 Security Bldgs Brandon	(p) Clydesdale
E			
Elder W J Brandon	Clydesdale	McGregor Makdon 25 Security Buildings Brandon	Shire
Elcott John Lenore	Clydesdale	MacKen W H Deloraine	Standard
Engsh Richard Moline	Clydesdale	MacLaren James Baswood	Clydesdale
Ewens Jas M Bethany	(c) Shire	McLaren P B Clearwater	Clydesdale
		McLaren W H Dekrause	Shire
		McLean Samuel Dauphin	Clydesdale
		McLean Samuel Franklin	Clydesdale
		McMahon M J Lenore	Clydesdale
		McMahon W H Box 2 Swan Lake	Clydesdale
		McPhail P A, R R 5 Brandon	Clydesdale
		McRae J H & W F Brandon	Shire
		McRorie J A Box 44, Lauder	Clydesdale
		Maguire W J Box 63, Elgin	(c) Clydesdale
		Marsden George W Brandon	Percheron
		Martin William B Sboal Lake	Clydesdale
		Milne James Newdale	Clydesdale
		Mullin Oliver Roland	Clydesdale
F			
Finlay I J Rapid City	Clydesdale		
Finlayson, Ben 710 13th Street, Brandon	Clydesdale		
Foster George E Lenore	Clydesdale		
Foster T O A Harney	Clydesdale		
Freemore A A Baswood	Clydesdale		
Fulton Wm Portage la Prairie	Clydesdale		
G			
Galbreath, A & Son, Brandon	Shire		
Gedie Stuart, Hamsworth	(c) Clydesdale		

Name and Address	Breed	Name and Address	Breed
N		T	
N coll J A Rossendale	(p) Clydesdale	Stewart James 238 Grain Exchange Winnipeg	Clydesdale
Norton John Decker	Clydesdale	Stout John H Westbourne	Sh re
		Strong Wesley Rossburn	Clydesdale
P		W	
Pearce & Potten Gilbert Plains	Clydesdale	Washington J G & Son N nga	(c) Clydesdale
Peart Laidler Elm Creek	Clydesdale	Weightman M C Morden	Sh re
Perry John Treherne	Clydesdale	Whitfield A Somerset	Shure
Porterfeld G C Brandon	Clydesdale	Wilson Neil Headup	Shure
Powne James Just ce	Clydesdale	Wshart Andrew Portage la Prairie	Percheron
		Wood John Justice	Clydesdale
R		Wood Thomas Elm Creek	Clydesdale
Ramsey James Laidler	Percheron	Wood w s s Bunsarth	Sh re
Ramsey Joseph Laidler	Percheron	Wood w s s Bunsarth	Sh re
Re d Allen R R 5 Brandon	Percheron	Wright William Rap d City	Clydesdale
Roberts Carl Osborne	Percheron		
Roper Benjamin Hartney	Hackney		
S		V	
Sanderson John F Box 37 Holland	Clydesdale	Vance M E Crandall	Percheron
Sanson A E Crystal City	Clydesdale	Vanstone & Rogers Wawanesa	Sh re
Scott Fred W W n n peg	Hackney		
Scott John G M nto	Clydesdale		
Scotts Co-operative Wholesale Society Ltd 355 Grain Exchange Winnipeg	Clydesdale		
Sexton G W Regent	Clydesdale		
Snelcar James Oak River	(c) Clydesdale		
Slater Bros Shoal Lake	Sh re		
Southcott W Ham Minnedosa	Sh re		
Sproule Estate of John J M nto	Clydesdale		
Stabridge M J Stonewall	Sh re		

New Brunswick Cattle Breeders

Name and Address	Breed	Name and Address	Breed
All son Wm S Box 710 St John	Jersey	MacAlp ne Hugh R Lower Cambridge	Jersey
Anderson James E Welsford	Ayrsh re	McKay H Dowl ng St Stephen	Jersey
Atkinson H W Fredericton Junct on	Ayrshire	McLeod Will am Hampton	Guernsey
		McMackin Estate of S L T Butternut R dge	Ayrsh re
Barrett Thomas A East St John	(p) Ayrsh re	McMichael J Morton Harcourt	Jersey
Boys Industrial Home The East St John	(p) Jersey	Manchester James H Apohaqui	Ayrshire
Brown Geo Coburn	Jersey	Marr James E R R 2 Anagans	Ayrsh re
Brown J Harvey St John	Jersey	Marven Neville P R R 1 Norton	Jersey
Bootham Richard H Germantown	Ayrsh re	Messer P Alexander Harvey Stat on	Ayrsh re
		Miller W H & Co Ltd Campbellton	Jersey
Coburn Edgar Harvey Station	Jersey	Mott Harry H 13 German Street St John	Ayrshire
Colep its Bros Salisbury	Shorthorn	Mundie David I Rich barto	Jersey
Craig W T R F D 7 Fredericton	Jersey		
		O Ne il James F Lower Millstream	Guernsey
Donovan J M Coldbrook	Ayrsh re	Oul on G H R R 1 Aulac	Jersey
Douglas Bros Stanley	Ayrshire		
		Palmer Chas P R R 6 Woodstock	Shorthorn
Embleton Kenneth & Son Harvey Stat on	(p) Jersey	Peller Jean de Weymouth	Jersey
Liter Harold Aulac	Shorthorn	Peters C R Hampton	Guernsey
		Poole W S St Stephen	Guernsey
Fa weather P R L Rothesay	Shorthorn	Potter D C Sunny Brae	Ayrsh re
Floyd R E Bloomfield Stat on	Guernsey	Pugsley Mrs Bess e Cambr dge	Jersey
Fowkes J E Hillsboro	Guernsey		
		Raymond A E Woodstock	(p) Jersey
Gilbert R W R R 1 M ugerville	Jersey	Roach J F Sussex	Ayrshire
Gordon Dow S R R 3 Mouth of Keswick	Ayrsh re	Rogers James West Bathurst	Ayrsh re
Gordon Havelock R R 3 Mouth of Keswick	Jersey		
Cray G T Upper Woodstock	Ayrsh re	St Joseph s College St Joseph	Ayrshire
Grit n I W Woodstock	Brown Swys	Schofield E A 23 Prince William Street St John	(p) Shorthorn
		Shaw Bros Harland	Ayrshire
Harvey J Henry Fredericton	Ayrshire	Sherwood H H Uplham	Jersey
Hawkins A R Centreville	Jersey	Sh rtt T W Brown s Hts	Ayrshire
Hodgson W I am H R R 3 Fredericton	Ayrsh re	SINCLAIR WILLIAM N R R 5 Fredericton	Ayrshire
Hogan Lward St John	(h) Ayrsh re	Snowball J B Co Ltd Chatham	Shorthorn
Horne M s Adelaide van St Andrews	(h) Ayrshire	Stapf s Alougo Fredericton	Jersey
Hughes John A Pettitodiac	Ayrshire	Stephens Roy W Box 672 Sackville	Ayrshire
		Stephens Woodford Box 13 Sackville	Ayrsh re
Isch Charles W Mapleburg	Ayrshire	Stockford J C Lakeville Shrdiac Road	Ayrshire
		Swan Clarence D Harvey Stat on	Jersey
Joselyn A I St John	Jersey		
		Taylor Fred R Box 706 St John	Shorthorn
Lester Allan W Liverville	Ayrshire	Taylor Cecelia A Salisbury	Ayrshire
Lister John F Coburn	Jersey	Trueman Wm R R 1 Aulac	Shorthorn
Lis er Thomas H Harvey Station	Jersey		
Litt l Bowman T Harvey Station	Jersey		
Litt l Arnold Lake re	Jersey		
Litt l Is Jett k Harvey Station	Jersey		
		Young E J Silver Falls St John	Jersey

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
James Joseph T. Sussex		King Geo A M No. 1 Sussex	(p) Shropsh re Cheviot
Coscar Geo de C Lower Gagetown	Leicester	McIntosh L de C Hartland	(p) Shropsh re Oxford Down Leicester
Embleton Kenneth & Son Harvey St on Towler James W Stanley	(cp) Shropshire	McKenzie Mrs Mary Apohaqui Mchaud Joseph B St Quintin	
Goguen Jacques Acadville	Oxford Down	Pelley F Beverley Landsdowne	
Goodwin Burder Hare Verte	Oxford Down	Shaw Bros R R 3 Hartland	(cp) Oxford Down
Gray Charles H Upper Woodstock	(a)	Sherrwood E C Stanley	Oxford Down
Jarvis Ed Stanley	Oxford Down	Smyth Jos. West Bathurst	
Jones John R Shannon	Oxford Down	Wallace W E & Sons Penobscot	(p) Oxford Down

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Barrett Thomas A East St John	(c) Yorksh re	Lester Earl E Harvey Station	Yorkshire
Bayard W I Welsford		Lockhart Thos Hartsville	
Belva John R Narrows	Yorksh re	Lyon Geo M Welsford	
Best T A Stanley		McAuley Robt E Sussex	Yorksh re
Bleyn W B St Andre via Shed ac	(c) Yorksh re	McCready Robt B Shannon	Yorksh re
Boys Industrial Home The East St John		McCullough Bros T T 6 Mouth of Keswick	Yorksh re
Carpenter Arnold B Carpenter	Yorkshire	McDonald, J L Welsford	Yorksh re
Cogswell W S East Centreville	Yorksh re	McIntosh L De C Hartland	(s)
Cook Bros Victoria Corner		McKracken Bernice Fawcett H H	
Day Geo L Mangerville	Yorksh re	McPherson Wm Benton	
Dickson A G Chatham	Yorkshire	Margison A A H East Centreville	Chester White
Dorches or Penitentiary Dorchester		Parent Chas & Sons Fredericton	Berksh re
Embleton Kenneth & Son Harvey St on	(cs) Yorksh re	Peoples F C M Pearl	
Erb Wm A Sussex		ROACH J F Sussex	(c) Yorksh re
Fowler Bros Welsford	Yorksh re	Sharp S T Apohaqui	
Graham S E St John	Yorksh re	Shaw Bros R R 3 Hartland	(cs) Yorksh re
Harris Mansfield Victor a Carlton Co		Smith H B Hoyt St on	
Holyoke Raymond Keswick Ridge		Smith R Hoyt St on	
Hughes Jas A Petwood ac		Starkey W H am M Cody's Station	Yorksh re
Hunt rd rd Bros Box 243 Moncton		Stockford Cec LA H Bernia	
Kilfoil Lewis R Julio 1		Tomlinson S S Stanley	
King G A M Sussex	(s)	Trueman H Aulac	
		Wallace W F & Sons Penobscot	(t) Yorksh re
		Whalen G T R R 1 Sussex	
		Wiggins J H Upper Kent	

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Gay Charles H Upper Woodstock	(s) Percheron	O'Neil H Box 633 Fredericton	Standard
Hall J W Edmundston	Standard	Palmer Norman Y R R 6 Woodstock	
Hogan Edward, St John	(c) Shire	Scott Peter Cowford Stanley	Clydesdale
Horne Miss Adelaide Van St Andrews	(s) Clydesdale	Wakem John R. R. R. 2 Florenceville	Percheron
Jones Samuel St John	Shire		
Maritime Stock Breeders Sussex	Hackney		

Name and Address	Breed	Name and Address	Breed
N			
Nicoll J A Rosendale	(p) Clydesdale	Stewart James 238 Grain Exchange Winnipeg	Clydesdale
Norton John, Decker	Clydesdale	Stott Francis J Bagot	Shire
		Stout John H Westbourne	Clydesdale
		Strong Wesley Rossburn	Clydesdale
P			
Pearce & Potten, Gilbert Plains	Clydesdale	T	
Peart L dler Elm Creek	Clydesdale	Tarn Alfred G 421 Horne Street Winnipeg	Thoroughbred
Perry John Treherne	Clydesdale	Taylor Joseph S & Son Sour s	Clydesdale
Porter Eld G C Brandon	Clydesdale	Tett John H Foxwarren	Percheron
Powne James Justice	Clydesdale	Thomson Archie Basswood	Clydesdale
		Thomson G M Neelin	Percheron
		Tole John J B Valley View Stock Farm P O Box 27	Standard
		Crystal City	
R			
Ramsey James Lauder	Percheron	Tretheways Bros Forrest	Clydesdale
Ramsey Joseph Lauder	Percheron	Tyndall Matthew Wheatland	Clydesdale
Red Allen R R 5 Brandon	Percheron		
Roberts Carl Osborne	Percheron		
Roper Benjamin Hartney	Hackney		
S			
Sanderson John P Box 37 Holland	Clydesdale	V	
Sanson A F Crystal City	Clydesdale	Vance M E Crandall	Percheron
Scott Fred W Winnipeg	Hackney	Vanstone & Rogers Wawanesa	Shire
Scott John G Minto	Clydesdale		
Scottish Co operate & Wholesale Society Ltd 355 Grain	Clydesdale		
Exchange Winnipeg			
Sexton G W Regent	Clydesdale	W	
Snelcar James Oak River	(c) Clydesdale	Washington J G & Son Nunga	(c) Clydesdale
Slater Bros Shoal Lake	Shire	Weighman M C Morden	Shire
Southcott W W am Minnedosa	Shire	Whitfield A Somerset	Shire
Sproule Estate of John J Minto	Clydesdale	Wilson Neil Heaslip	Shire
Stanbridge M J Stonewall	Shire	Wishart Andrew Portage la Prairie	Percheron
		Wood John Just ce	Clydesdale
		Wood Thomas Elm Creek	Clydesdale
		Wood was E S B ncarth	Shire
		Woodwards R B ncarth	Shire
		Wright William Rapid City	Clydesdale

New Brunswick Cattle Breeders

f
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Name and Address	Breed	Name and Address	Breed
Allison Wm S Box 790 St John	Jersey	MacAlpine Hugh R Lower Cambridge	Jersey
Anderson James E Welsford	Ayrshire	McKay H Dowling St Stephen	Jersey
Atkinson H W Fredericton Junction	Ayrshire	McLeod Will am Hampton	Guernsey
		McMackin Estate of S L T Butternut Ridge	Ayrshire
Barrett Thomas A East St John	(p) Ayrshire	MacIsaac J Morton Harcourt	Jersey
Boys Industrial Home The Last St John	(p) Ayrshire	Manchester James H Apshegan	Jersey
Brown Geo Coburn	Jersey	Marr James E R R 2 Annapolis	Ayrshire
Brown J Harvey St John	Jersey	Marven Neville P R R 1 Norton	Ayrshire
Butland Richard H Germantown	Ayrshire	Messer P Alexander Harvey Station	Jersey
		Mier W H & Co Ltd Campbellton	Ayrshire
Coburn Edgar Harvey Station	Jersey	Mott Harry H 13 Central Street St John	Jersey
Colpitts Bros Salisbury	Shorthorn	Mundie David I Rich brook	Ayrshire
Craigs W T R F D 7 Fredericton	Jersey		
		O Ne B James F, Lower M listream	Guernsey
Donovan J M Coldbrook	Ayrshire	Oulton G H R R 1 Aulac	Jersey
Douglas Bros Stanley	Ayrshire		
		Palmer Chas P R R 6 Woodstock	Shorthorn
Embleton Kenneth & Son Harvey Station	(sp) Jersey	Pettifer Jean de Weymouth	Jersey
Liter Harold Aulac	Shorthorn	Peters C R Hampton	Guernsey
		Poole W S St Stephen	Guernsey
Fairweather P R L Rotheray	Shorthorn	Potter D C Sunny Brae	Ayrshire
Floyd R E Blomfield Station	Guernsey	Pugsley Mrs Bessie Cambridge	Jersey
Fowkes J F Hillsboro	Cornsey		
		Raymond A E Woodstock	(p) Jersey
Gilbert R W R R 1 Mougerville	Jersey	Roach J P Sussex	Ayrshire
Gordon Dow S R R 3 Mouth of Kewick	Ayrshire	Rogers James West Bathurst	Ayrshire
Gordon Havelock R R 3 Mouth of Kewick	Ayrshire		
Gray O I Upper Woodstock	Ayrshire	St Joseph's College St Joseph	Ayrshire
Griffin J W Woodstock	Brown Swiss	Schofield L A 23 Prince William Street St John	(sp) Ayrshire
		Sherwood H H Upham	Shorthorn
Harvey J Henry Fredericton	Ayrshire	Shrutt F W Brown s Flats	Jersey
Hawkins A R Centerville	Jersey	SINCLAIR WILLIAM N. R R 5 Fredericton	Ayrshire
Hodgson Will am H R R 3 Fredericton	Jersey	Snowball J B Co Ltd Chatham	Shorthorn
Hogan Edward St John	(h) Ayrshire	Staples Almon Fredericton	Ayrshire
Horne M is Adeline van St Andrews	(h) Ayrshire	Stephens Roy W Lox 672 Sackville	Jersey
Hughes John A Pictou ac	Ayrshire	Stephens Woodford Box 13 Sackville	Ayrshire
		Stockford J C Lakeville Shed ac Road	Ayrshire
Inch Charles N Mapleburg	Ayrshire	Swan Clarence D Harvey Station	Jersey
Joseph A F St John	Jersey	Taylor Fred R Box 706 St John	Shorthorn
		Taylor Caesar A Salisbury	Ayrshire
Lister Allan W Listerville	Ayrshire	Trueman Wm R R R 1 Aulac	Shorthorn
Lister John F Coburn	Jersey		
Lister Thomas H Harvey Station	Jersey		
Little Bowman T Harvey Station	Jersey		
Little Dr Arnold Coburn	Jersey		
Little Frederick Harvey Station	Jersey	Young F J Silver Falls St John	Jersey

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Barnes Joseph T Sussex		King Geo A M No * Sussex	(p) Shropshire Cheviot
Cossar Geo de C. Lower Gagetown	Leicester	MacIntosh L de C Hartland	(p) Shropshire Oxford Down Leicester
Embleton Kenneth & Son Harvey Stat on	(cp) Shropshire	McKenzie Mrs Mary Apohaqui	
Fowler James W Stanley		McLeod Joseph D St Q entin	
Goguen Jacques Acad eville	Oxford Down	Pelkey F Beverley Landsdowne	
Goodwin Burder Rose Verte	Oxford Down	Shaw Bros R R 3 Hartland	(cp) Oxford Down Oxford Down
Gray Charles H Upper Woodstock	(A)	Shewwood E C Stanley	
Jarvis Ed Stanley	Oxford Down	Smyth Jos West Bathurst	
Jones John R Shannon	Oxford Down	Wallace W E & Sons Penobscus	(p) Oxford Down

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Barrett Thomas A East St John	(c) Yorkshire	Lister Earl E Harvey Station	Yorkshire
Bayard W K Welsford		Lockhart Thos Harrisville	
Belva John R Narrows	Yorkshire	Lyon Geo M Welsford	
Best T A Stanley		McAuley Robt E Sussex	Yorkshire
Boivin W B St Andre via Shed ac	(c) Yorkshire	McCready Robt B Shannon	Yorkshire
Boys Industrial Home The East St John		McCullough Bros T T 6 Mouth of Keswick	Yorkshire
Carpenter Arnold B Carpenter	Yorkshire	McDonald J L Welsford	Yorkshire
Cornwell W S East Centerville	Yorkshire	McIntosh L de C Hartland	(s)
Cook Bros Victoria Corner	Yorkshire	McNackin Bernice Fawcett H H	
Day Geo L Mangerville	Yorkshire	McPherson Wm Benton	
Dickson A G Chatham	Yorkshire	Magnon A A H East Centerville	Chester White
Dorchester Pen tent ary Dorchester	Yorkshire	Parent Chas & Sons Fredericton	Berkshire
Embleton Kenneth & Son Harvey Station	(c) Yorkshire	Peoples F C M Pearl	
Leb Wm A Sussex		ROACH J F Sussex	(c) Yorkshire
Fowler Bros Welsford	Yorkshire	Sharp S T Apohaqui	
Graham S E St John	Yorkshire	Shaw Bros R R 3 Hartland	(cs) Yorkshire
Harris Mansfield Victoria Carlton Co		Smith H B Hoyt Station	
Holyoke Raymond Keswick Ridge		Smith R Hoyt Stat on	
Hughes Jas A Pet tood ac		Starkey William M Cody's Stat on	Yorkshire
Huntingford Bros Box 243 Moncton		Stockford Cec IA H bernia	
K. Ho I Lewis R Kilfo I	(s)	Tomlinson S S Stanley	
King G A M Sussex		Trueman H Aulac	
		Wallace W F & Sons Penobscus	(s) Yorkshire
		Whalen C T R R * Sussex	
		Wiggins J H Upper Kent	

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Gray Charles H Upper Woodstock	(s) Percheron	O'Neill H Box 633 Fredericton	Standard
Hall J W Edmundston	Standard	Palmer Norman V R R 6 Woodstock	
Hogan Edward St John	(c) Shire	Scott Peter Cowford Stanley	Cleveland
Horne M as Adelaide van St. Andrews	(c) Cleveland	Waken John R R R 2 Florenceville	Percheron
Jones Samuel St John	Shire		
Maritime Stock Breeders Sussex	Hackney		

Nova Scotia

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
Abbott Raymond, Bridgetown Agricultural College The Nova Scotia Truro	(P) Guernsey Shorthorn	Faulkner A H Valley Station Field Matthew A Oxford Junction	Guernsey Guernsey
Aitkins, Clarence, Leiche Creek	Ayrshire	Fleming J M & Sons, Elmsdale	Guernsey
Allen, James B R.R. 4 Brooklyn	Ayrshire	Footo C L, Wellington	Jersey
Allen Vernon I R.R. 3 Yarmouth	Guernsey	Foster David Lawrencetown	Guernsey
Archibald L R Melvern Square	Jersey	Foster F W Kingston	Jersey
Armistead Ernest W Newport	Ayrshire	Fraser H Fenwick Harrington Cove	Ayrshire
	Guernsey	Fraser H Hudson Thorburn	Guernsey
		Fraser John G Antigonish Harbour South Side	Ayrshire
Baker J E & Sons R ver Hebert	(J) Jersey	Garvie Ambrose North Grant	Ayrshire
Banks H P Weyville	Guernsey	Gates, A M Kemptville	Guernsey
Barrow E J Rawdon Gold Mines	Guernsey	Gertridge P J Gaspereaux	Guernsey
Bartheaux Arthur P Bridgetown	Guernsey	Godfrey J R High Prees Farm Egerton	Ayrshire
Bates T D Brookfield	Guernsey	Good Henry Old Bams	Guernsey
Beardsley J A Clarence	Jersey	Goudy W H Port Matland	Guernsey
Beaton Arch C Briley's Brook	Ayrshire	Goold Bros. Stewacke	Guernsey
Beckwith E Hantsport	Guernsey	Goughro Dan Frenchvale	Ayrshire
Bell John T Box 5 Brookfield	Guernsey	Grant, R M Stewacke	Guernsey
Bishop Irving Paradise	Guernsey	Guil S & Sons Truro	Guernsey
Black Fred S Amhurst	(A) Ayrshire		
Blackburn, T E Shubenacadie	Ayrshire	Hancock James M Hantsport	Jersey
Blake T D Great Village	(A) Guernsey	Harvey Morley Newport	Guernsey
Blake Mrs. T D Great Village	Guernsey	Hatch C F Alma	Ayrshire
Blanchard, Prescott, Truro	Ayrshire	Hawkins T J Stewacke	Ayrshire
Blanchard S Sherburne Ellershouse	Guernsey	Hebb J W Hebb's Cross	(P) Jersey
Boulton C Eric Windsor	Jersey	Henderson M Fraser R R 3 New Glasgow	Guernsey
Boyd Harry A Arrand	Guernsey	Hill, Harry P Great Village	Guernsey
Boyd J S Central Chebogue	Guernsey	Holmes, George A Hantsport	Guernsey
Bradley Aubrey C Old Bams	Jersey	Holmes George M Amherst	(P) Shorthorn
Brown Harry R R 1 Salt Springs	Jersey	Hooper Mary Truro	Ayrshire
Burton W A Deep Brook	Ayrshire	Hooper Thos. B ble Hill	Ayrshire
Byers E R Old Bams	Ayrshire	Hopkins, Len. Beaver Bank	Guernsey
Byers Walter R, Old Bams	Ayrshire	Hosking F W Oyster Ponds	Jersey
		Hughes John D Old Bams	Guernsey
Cameron Alex Lower South River	Ayrshire	Huston Albert R R 1 Pugwash	Ayrshire
Cameron Aubrey Scotsburn Station	Jersey		
Cameron Donald L Dunsmore	Ayrshire	Johnson W W Box 200 North Sydney	Guernsey
Cameron George Pictou	Guernsey	Johnson Gerald Bridgetown	Guernsey
Cameron John Lower South River	Ayrshire	Johnson J H R R 4 New Glasgow	Jersey
Cameron M J P Placide Fairmont	Ayrshire		
Cameron M L Fairmont	Ayrshire	Keasbey Frederick W, Box 14 Chester	(P) Guernsey
Campbell Michael Boudale	Ayrshire	Kennedy J F Alma	Ayrshire
Cann C & H R R 3 Yarmouth	Jersey	Kent, Lamont Stewacke	Jersey
Cann J bn L R.R. 3 Yarmouth	Jersey	Kinley J J Lunenburg	Shorthorn
Cann Wm M Box 5 South Ohio	Jersey	Kinsman J A Lakeville	Ayrshire
Carter Alonto, Brookfield	Guernsey	Kirk John Antigonish	
Carter H Harold Brookfield	Guernsey		
Cavanagh Earl Truro	Ayrshire	LANGILLE, C E, Box 945 Yarmouth	Guernsey
Cavanagh Harry Truro	Ayrshire	Leonard I S Paradise	Guernsey
Cavanagh Peter T Middle Barney's R ver	Guernsey	Leonard Murray Bridgetown	Guernsey
Chase Oscar Box 25 Greenwich	Shorthorn	Leonard Robert W, Paradise	Guernsey
Chisholm Colin Judique	Ayrshire	Leonard V B Bridgetown	Jersey
Chisholm James A Briley's Brook	Ayrshire	Leister Robert, Harvey Station	Guernsey
Chisholm John J Briley's Brook	Ayrshire	Longley Raymond Paradise	Guernsey
Chisholm H Brose Overton	Guernsey	Longley Robert Paradise	Ayrshire
Chute John N Berwick	Guernsey	Longhead Robt Beaver Brook	Ayrshire
Clark James Beaver Brook	Ayrshire	Longhead Smith Beaver Brook	Guernsey
Clark John Beaver Brook	Ayrshire	Longhead R Kent Truro	Ayrshire
Conrad Frank Windsor Forks	Guernsey	Lynch Wm B Box 140 Eureka	
Cock W L Salem	Guernsey		
Cornish A Chebogue	Guernsey	McBeth Alex., Twiford	Guernsey
Cornish Frances C Chebogue	Guernsey	McColough E C Great Village	Guernsey
Cornish Howard W, Chebogue	Jersey	McConnell Sargent R R 1 Meadowville Station	Ayrshire
Cornish J bn C, R R 1 Chebogue	Guernsey	McDonald Alex Lower South R ver	Ayrshire
Cox C G, Carad	(P) Guernsey	McDonald Allison Box 134 Shubenacadie	Ayrshire
Crockett J R Box 403 Antigonish	Ayrshire	McDonald Anthony Boudale	Ayrshire
Crockett Samuel C, Middle Musquodobuit	Ayrshire	McDonald D L, St. Andrews	Ayrshire
Crockett Wallace, Box 403 Antigonish	Ayrshire	McDonald D Trevelyn Shubenacadie	Ayrshire
Crockett D R Westville	Ayrshire	McDonald Falconer Alma	Ayrshire
Crockett, Wilfred H Jewell	Jersey	McDonald Philip Boudale	Ayrshire
Crosby Murray K Dayton	Guernsey	McDonald Wm A Box 373 Pictou	Ayrshire
Cunningham J L R R 1 Bayhead	Guernsey	McDonald A Scott Port Hood	Ayrshire
Dalrymple J C, Port Jervis	Guernsey	McDonald C S Jud que North	Ayrshire
Davidson J bn C R R 1 Stewacke	Guernsey	McDonald J D Centennial	Ayrshire
Davis, Chas I, Stewacke	Guernsey	McDonald Joe A Jud que North	Ayrshire
Dick on High A R R 5 Truro	Guernsey	McDonald J D Port Hood	Ayrshire
Dodge A P, Midville	Guernsey	MacDonald, W B West Gore	Guernsey
Dunsmuir A H Casteraux	Jersey	MacFadden Jas., Judique	Ayrshire
Dunsmuir Loe R, Box 13 Lower Truro	Guernsey	MacFadden M Judique	Ayrshire
Dunsmuir Loe R, Box 13 Lower Truro	Guernsey	MacFadden Angus, Boudale	Ayrshire
Dunsmuir Loe R, Box 13 Lower Truro	Guernsey	MacFadden J J Jud que North	Ayrshire
Dunsmuir Loe R, Box 13 Lower Truro	Guernsey	MacFadden J G & Son, Scotsburn	Guernsey
Dunsmuir Loe R, Box 13 Lower Truro	Guernsey	MacKay Daniel M R R 2 Scotsburn	Guernsey
Dunsmuir Loe R, Box 13 Lower Truro	Guernsey	MacKay John Scotsburn	Jersey
Dunsmuir Loe R, Box 13 Lower Truro	Guernsey	MacKenzie George W, Scotsburn	(P) Guernsey

Name and Address	Breed	Name and Address	Breed
MacKenzie John Shubenacadie	Guernsey	Rankin Alex Judique	Ayrshire
McLean J B R R 4 New Glasgow	Guernsey	Rankin John Judique	Ayrshire
McLean J Grant R R 4 New Glasgow	Guernsey	Read Fred A Bear River	Jersey
McLean John A Hopewell	Ayrshire	Redmond John R Box 301 North Sydney	Ayrshire
McLean Stephen McLeanville	Ayrshire	Retson John R R 3 Truro	Ayrshire
McLean Wilbur H Box 45 New Glasgow	Guernsey	Richard W D Pentz	Jersey
McLellan Archie Jud que North	Ayrshire	Robertson R A R R 1 Salt Springs	Jersey
McLellan Frank S, Highland Village	Guernsey	Rose G Edward Yarmouth	Jersey
McLeod J D Box 273 New Glasgow	Guernsey	Ross I R Bakfield	Guernsey
McLeod J J & Sons R R 3 River John	Jersey	Ross Donald North Crant	Ayrshire
McMaster J D, Jud que Rear	Ayrshire	Ross Hugh R West Branch	(s) Guernsey
McMaster J D Long Point	Ayrshire		
McMullan Claude Frenchvale	Ayrshire	St Francis Xavier College Box 25 Mount Cameron	Ayrshire
MacMullen Dan Bosdale	Ayrshire	Sarsfield Harris Bridgetown	Guernsey
McNeil Bernard Bosdale	Ayrshire	Servant A C Overton	Guernsey
MacNeil Hector Bosdale	Ayrshire	Servant Emerson F South Cheggogou	Guernsey
McNeil W Fred Windsor Forks	Guernsey	Setchell Fred Salt Springs	Jersey
McPhee F B West Gore	Guernsey	Silver H R Dartmouth	Guernsey
McQueen Daniel A King's Head	Guernsey	Sinclair John Truro	Guernsey
McQueen Michael Ironville	Ayrshire	Slackman R A Lylesford	(s) Guernsey
Magee C M Berwick	Guernsey	Smiley Howard W Newport	Ayrshire
Marshall Horace V Mount Rose	Guernsey	Smith J Hedley R R 1 Amherst	Guernsey
Marshall Peter Bridgetown	Guernsey	Stalker J Rennie Barney's River	Ayrshire
Marshall Ralph Bridgetown	Guernsey	Steele Michael J Bosdale	Ayrshire
McNeill W J R & A Alma	Guernsey	Stewart E J Old Barns	Ayrshire
MCINISHER, REV JOHN W, Niagara Falls	Guernsey	Stirling A F Wellville	Guernsey
Milligan & Meikle King's Head	Guernsey	Swindels F W, Princeport	Guernsey
Milligan J & Sons, Westville	Guernsey		
Milne George Woodbourne	Guernsey	Tattile Amos C River John	Jersey
Morash J R Dartmouth	Jersey	Taylor Arthur Antigonish	Ayrshire
Morrell Archibald R R 4 Yarmouth	Jersey	Taylor Bros Antigonish	Ayrshire
Mounce Thomas A Newport Landing	Jersey	Thompson Alex Cloverville	Shortborn
		Thompson Cecil V Fort Lawrence	Ayrshire
North Harve I Canning	Jersey	Thompson James Cloverdale	Guernsey
Northrup A D, Kingston	Jersey	Thomson Raymond H Pictou	Guernsey
		Trask Frank L Hebron	Guernsey
		Trefry Murray A Cheggogin	Shortborn
		Trenholm Chas R Fortlawrence	Shortborn
O'Brien Miss Alice Windsor Forks	Guernsey		
O'Brien Arthur Windsor Forks	Guernsey	Vaughan Miss Dorothy Windsor Forks	Guernsey
O'Brien Walter Windsor Forks	Guernsey	Vaughan Henry Windsor Forks	Guernsey
O Handley, John M, Bosdale	Ayrshire		
		Walsh Albert Fairmont	Ayrshire
Palmer Alex S Beaver	Guernsey	Wardrope E M Milford Station	Guernsey
Park Raymond Beaver Brook	Ayrshire	Webster C A Main Street Yarmouth	Jersey
Patten A W Wellington	Jersey	Willet Alfred Antigonish	Guernsey
Patten Charles W R R 1 Dayton	Jersey	Wilson John Falmouth	Guernsey
Patten George B, Wellington	Jersey	Wilson Norris Falmouth	Guernsey
Patten J Herman, Wellington	Jersey	Wilson Raymond Falmouth	Guernsey
Peare William West River Station	Guernsey	Winter James H South Ohio	Jersey
Peers D G Wallace Bridge	Guernsey	Wotherspoon Alex Lower Truro	Ayrshire
Peers E Cutten R R 3 Pugwash	Ayrshire	Wotherspoon Robert R R 1 Truro	Ayrshire
Phillips H V Old Barns	Guernsey	Wotherspoon Robert Junr Lower Truro	Ayrshire
Pipes H S & Sons Box 46 Amherst	Jersey		
Porter C A Hebron	Jersey	Young Andrew Reserve Mines	Ayrshire
Porter William O Melvern Square	Jersey	Yu H Strymon Old Barns	Ayrshire
		Yuttl Stanley Old Barns	Ayrshire

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Archibald C. A. Box 61 Truro	Shropshire	McKay Allan D. North Highlands	Shropshire
Baker J. C. & Sons River Hebert	(c) Oxford Down	MacKenzie, D. J. Bulls Creek	Oxford Down
Bishop W. B. Box Bldg. Halifax	(h) Oxford Down	MacKenzie, George W. Scotsburn	Oxford Down
Blair Fred S. Amherst	(h) Oxford Down	Marple John Margaret Harbour	(c) Oxford Down
Cameron Daniel Fairmont	Shropshire	Mount St. Vincent Academy, Halifax	Oxford Down
Chiasson John B. J. St. Joseph du Mont	Shropshire	O'Brien William & Sons Box 170 Windsor	(h) Leicester
Chiasson Peter Grand Etang	Shropshire	Ross Hugh R. West Branch	(c) Shropshire
Chiasson Pierre Grand Etang	Shropshire	Sharp Wm. Windsor	(c) Shropshire
Chisholm R. Antigonish	Shropshire	Sinclair D. C. New Glasgow	(c) Oxford Down
Cormier Jack Mount Cross	Shropshire	Sloan Mrs. E. S. Newport Station	(f) Shropshire
Corning John C. R.R. 1 Chegogan	(c) Shropshire	Smiley Howard W. Newport	(c) Oxford Down
Eagles R. J. Gaspareaux	Oxford Down	Smith C. Newport	(f) Shropshire
Fleming Wm. A. Truro	Shropshire	Stewart Jas. J. Amherst Point	Shropshire
Heilker T. W. No. 1 Amherst	Shropshire	Tompkins M. L. Margate Forks	Oxford
LeBlanc Larry C. Belle Cote	(h) Shropshire	White J. C. East Margate	Oxford
Logan Bros., Amherst			
Logan, John R.R. 1, Pictou			

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College The Nova Scotia Truro (ch)	Berkshire	Keasby Frederick W Box 14 Chester (c)	
Carmichael Donald C. Frizleton	Yorkshire	Leonard V B Clarence	Yorkshire
Clark Norman I Berwick	Yorkshire	Logan Bros Amherst (ch)	Yorkshire
Clark W G Bear River			
Corning J C R R 1 Cheggoggin (c)		Newcombe Stanley A Newcombville	Yorkshire
Dobson James A Bay View	Yorkshire		
Eaton Ernest I Upper Canard	Yorkshire	Pierce Frank Kingston	
Fowler Bros Amherst	Yorkshire	Rhodes M Brdgewater	
Graves W G Aylesford		Riley J S Paradise	
Harrow John Bear River		Sarfield D H Brdgewater	
Hebb J W Hebbs Cross		Schaffert F Canning	Yorkshire
Holmes George M Amherst (c)	Berkshire	Smith C Newport (c)	Yorkshire
	Yorkshire	Stoddard J L R R 3 Lawrencetown	
		Warwick C J Lawrencetown	Yorkshire
Johanson F F Brdgewater		Whitman G C Nictaux Falls	

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural College The Nova Scotia Truro (cp)	Hackney	Logan Bros Amherst (cp)	Clydesdale
Black Fred S Amherst	Clydesdale		
Blake T D Great Village (s)	Percheron	McFarlane Bros Fox Harbour Point	Clydesdale
	Standard	McMaus Wm A Box 59 Truro	Standard
DUFFIE DAVID Salt Spring	Standard	O'Brien William & Sons Box 170 Windsor	Clydesdale
Fulton H T Upper Stewacks	Standard	O'Leary R R Chibucto (c)	Clydesdale
Holmes George M Amherst (cp)	Standard	Reid Alfred E M Ford Station	Standard

Ontario

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
A		Anderson H A Pilton	Jersey
Abercrombie Hugh R R 3 Smeone	Jersey	Annesser John G Tilbury	Jersey
Abernethy J J R R 9 Bowmanville	Ayrshire	Apel George Tav stock	Ayrshire
Abra Moses R R 1 Blair	Jersey	Arbutnot Jas W Northfield Station	Ayrshire
Acheson Stanley R R 1 Dundalk	Hereford	Archer J C Lawson	Hereford
Ackert G L R R 3 Belmont	Ayrshire	Armstrong Fred H Marysville	Ayrshire
Adams Hays R R 3 Mount Brydges	Jersey	Armour Angus R R 1 Dorchester Station	Ayrshire
Agricultural College The Ontario Guelph (sph)	Aberdeen Angus	Armstrong C H Auburn	Hereford
	Jersey	Armstrong George B R R 1 Teeswater	Shorthorn
	Ayrshire	Armstrong George H Box 85 Mallorytown	Ayrshire
	Shorthorn	Armstrong Hugh Rosemont	Hereford
	Hereford	Arner Mrs E E Harrow	Jersey
	Shorthorn	Arno D P Brighton	Ayrshire
Agricultural Farm Ontario Dept of Monteith	Shorthorn	Atkott H Hunter R R 3 Streetsville	Jersey
Agricultural School Kemptville (sp)	Ayrshire	Ashcroft Ernest B Mar	Hereford
Agriculture Dept of Dominion Live Stock Branch	Jersey	Ashmore Jeff I R R 3 Lindsay	Hereford
Ottawa (s)	Shorthorn	Ashworth A H R R 2 Denfeld	Ayrshire
	Ayrshire	Atkinson Harry R R 7 Woodstock	Hereford
Alken Thomas B Teeswater	Aberdeen Angus	Atkinson John R 4 Corbetton	Jersey
Alexander A W Guelph	Hereford	Atwood G Evans 134 Heath Street E Toronto	Jersey
Alzou Leslie Berwick	Jersey	Axford Clayton R R 5 St Thomas	Shorthorn
Allcock D I Ravenna	Ayrshire		
Allen Hector T R R 1 L Orignal	Hereford	B	
Allen Charles R R 4 Bowmanville	Ayrshire	Bagg Alfred Edgeley	Jersey
Allen Stanley Woodlee	Shorthorn	Bagg Fred J Unonville (h)	Jersey
Ames Ma rice Codrington	Jersey	Bagg Jas & Sons Edgeley	Jersey
Ames Newton Westbrock	Ayrshire	Bagshaw Lorne L R R 2 Uzbridge	Hereford
Amos & Blak Moffat	Shorthorn	Baird A H New Hamburg	Jersey
Amos, George & Son Moffat	Shorthorn	Baker Alf J Box 688 Amprington	Jersey
Anderson, George R R 4 Chesley	Hereford	Baker Geo B R R 1 Newington (p)	Ayrshire
Andrew George & Son R R 3 Owen Sound	Shorthorn		

Name and Address	Breed	Name and Address	Breed
Baker Hattie L. Munro	Brown Swiss	Cameron A. D. No 1 Owen Sound	Jersey
Baker J. R. R. 1 Hampton	Shorthorn	Cameron Arden Norwich	Ayrshire
Baker Fred R. R. 1 Hill	Ayrshire	Campbell D. O. Ayrshire	Ayrshire
Ballantyne Jas. & C. R. R. 1 Chesterville	Ayrshire	Campbell David & Son Avonmore	Shorthorn
Ballantyne John I. R. R. 4 Atwood	Hereford	Campbell Duncan Moffat	Ayrshire
Bannerman William R. R. 2 West Monkton	Hereford	Campbell George H. & Sons Castleton	Ayrshire
Barnett Ernest L. R. R. 3 Coatham	(A) Shorthorn	Campbell J. McVab Box 40 Dalkeith	Ayrshire
Barnett Archibald L. R. R. 5 Park Hill	Hereford	Campbell William Northwood	Jersey
Barnie Will C. R. R. 7 Galt	(B) Shorthorn	Canham George E. Avonmore	Ayrshire
Batty Bros. Meaford	Jersey	Canham Joseph R. Newington	Ayrshire
Beam S. S. R. R. 2 Stevensville	Jersey	Carlyle John R. R. 2 Vernon	Ayrshire
Beckett Taylor R. R. 1 Ridgeville	Jersey	Carroll William A. R. R. 5 Watford	Hereford
Becks J. R. R. 2 The New Street East North Bay	Shorthorn	Caruthers J. L. R. R. 3 Stainer	Hereford
Beckstead Mabel L. R. R. 1 Chesterville	Ayrshire	Carson O. L. Donville	Ayrshire
Bedal Harry R. R. 3 Brighton	Jersey	Carwell Edgar R. R. 2 Thamesville	Jersey
Beetham Chas. W. & Sons Amherstburg	Jersey	Carter G. E. R. R. 1 Aylmer West	Ayrshire
Begg Melvin Moose Creek	Ayrshire	Carter I. G. Greenock	Hereford
Begg Victor Moose Creek	Ayrshire	CARTER, ROY & BROTHER Port Lock	Hereford
Beggs James W. Linwood	Hereford	Cass J. F. R. R. 3 Appin	Hereford
Behan M. Cobourg	Shorthorn	Cass John E. Marville	Jersey
Bell William & Sons R. R. 1 Toledo	Ayrshire	Cave Elwood R. R. 2 Beeton	Hereford
Bell Wilmont Staples	Hereford	Chambers J. N. R. R. 4 Woodstock	Jersey
Belvoir Stock Farms Ltd The Komoka & Delaware (A)	Shorthorn	Channon G. C. Oakwood	(A) Aberdeen Angus
BENNETT W. F. Box 201 Campbellford	Ayrshire	Charlton E. D. Iderton	Jersey
Benning James R. R. 1 Williamstown	Ayrshire	Chateaux John R. R. 1 Curran	Ayrshire
Benson W. A. R. R. 3 King	Jersey	Christie Jas. A. Bloomfield	Jersey
Berkley I. O. R. R. 1 Moersburg	Jersey	Clark Gordon A. Bloomfield	Ayrshire
Bertram Hugh Box 1012 Peterboro	Jersey	Clark H. H. Brampton	Jersey
Best Austin E. R. R. 2 Ida	Jersey	Clark Howard R. R. 3 Clinton	Hereford
Best Ed R. R. 2 Omenec	Hereford	Clark John Iona Station	Hereford
Best Hiram G. Mount Pleasant	Jersey	Clark W. J. Muncey	Hereford
Beynon W. B. R. R. 3 King	Ayrshire	Clark Wm. Meaford	Jersey
Biccum William S. Russell	Ayrshire	Clarke David Meaford	Hereford
Bigger Geo. R. R. 2 Brantford	Jersey	Clarke N. D. Thornton	(A) Hereford
Binette J. Ferdinand Ste. Anne de Prescott	Ayrshire	Cleary John C. Box 33 Wolfe Island	Jersey
Bingham J. B. R. R. 2 Waterloo	Shorthorn	Clifford Henry Hereford	Hereford
Birmingham Rich. Sault Ste Marie	Jersey	Clifford L. O. Oshtera	Jersey
Black Henry R. R. 4 Trenton	Jersey	Cluff R. J. Caledon	Jersey
Black Mrs Henry R. R. 4 Trenton	Hereford	Clugston R. S. & Son Rocklyn	Hereford
Black John & Sons Amaranth Station	Hereford	Cockburn J. A. & Sons R. R. 1 Puslinch	(A) Shorthorn
Black Joseph H. R. R. 1 Dundalk	Hereford	Cockshutt Frank 49 Colbourne Street Brantford	Shorthorn
Black Nelson R. R. 2 Orangeville	Hereford	Cole Sandor R. R. 4 Arthur	Hereford
Black William H. R. R. 1 Caledon	Hereford	Coleman O. H. Williamsburg	Ayrshire
Blacklock W. M. & Son Bruden	Hereford	Colley W. & Son R. R. 1 Naxon	Jersey
Blackward W. M. & Son Market	Hereford	Collins Geo. W. Plainfield	Jersey
Blane J. F. R. R. 1 Renfrew	Ayrshire	Collins John W. Putnam	Ayrshire
Blaney C. B. Meaford	Ayrshire	Collier Bros. Welland Port	Ayrshire
Blaney Robert Reville	Ayrshire	Colpouhugh Hugh Mitchell	Jersey
Blith Coln M. R. R. 3 Guelph	Ayrshire	Colton H. R. R. 3 Malton	Jersey
Bolton Fred R. R. 4 Markdale	(A) Hereford	Comfort Alban M. R. R. 2 Welland Port	Ayrshire
Booth H. H. Meaford	Ayrshire	Connell J. & Son Kewask	Ayrshire
Bound Peter Meaford	Jersey	Connolly W. M. R. R. 2 Strathroy	Ayrshire
Bowman Janes Box 14 Guelph	(A) Jersey	Cook N. J. & Son R. R. 2 Wales	Ayrshire
Boyd Johnson Moose Creek	Ayrshire	Copland S. R. R. 1 Harrison	Jersey
Boyle D. A. Woodstock	Jersey	Corby Fred R. R. 1 London	Jersey
Bracken Wm. R. R. 1 Port Robinson	Jersey	Cornelius W. T. R. R. 1 Amaranth	Hereford
Bradley W. H. R. R. 1 Lansdowne	Ayrshire	Corratt Samuel R. R. 1 Dundalk	Hereford
Brady J. W. Caledonia	Jersey	Costello Edward G. Downesville	Hereford
Brand E. & T. R. R. 4 Forest	Hereford	Craig W. H. & Sons R. R. 3 Renfrew	Ayrshire
Brantley N. W. Beeton	Hereford	Cotton James, R. R. 1 Naxan	Ayrshire
Brett Fair Rosemont	Hereford	Couse John R. R. 3 St Thomas	Jersey
Brown C. S. Ridgeway	(A) Shorthorn	Coutts William K. R. R. 2 Conn	Jersey
Brown T. H. M. R. R. 2 Dundas	Hereford	Cowson Angus Queensville	Jersey
Broughton Geo. A. R. R. 3 Mount Forest	Jersey	Cowson J. H. Queensville	Jersey
Brown Andrew S. & Son Winchester	Jersey	Cowson Lloyd Queensville	Jersey
Brown Bros. Elders	Jersey	Cradlock Ernest L. R. R. 3 Hagersville	Jersey
Brown C. W. R. R. 1 Harley	Ayrshire	Craig William R. R. 1 Gorrie	Hereford
Brown Carl S. R. R. 3 Harrison	Hereford	Crawford C. R. Box 479 Lakelaid	Jersey
Brown Duncan & Sons R. R. 2 Shelden	Shorthorn	Croal D. T. 9 East Street Galt	Jersey
Brown Geo. C. Imp Bank of Canada Welland	Jersey	Crook Scott Mount Albert	Jersey
Brown H. S. Meaford	Jersey	Crook Russell Box 54 Mountain Grove	Jersey
Brown James R. R. 3 Harrison	Hereford	Crosby George W. Simco	Ayrshire
Brown John R. R. 5 Owen Sound	Hereford	Cross James, Box 99 Aultsville	Ayrshire
Brown Robert Harley	Hereford	Cruikshank George R. R. 1 Wingham	Hereford
Brown R. H. R. R. 1 B. Mount West	Ayrshire	Cuzhnan Abel R. R. 3 Ca Otawa	Ayrshire
Brownie Walter H. Mount Brydges	Hereford	Cumham Henry J. Edensville	Ayrshire
Bruce H. A. 64 Bloor Street East Toronto	Ayrshire	Cumberland Mrs S. Port Hope	Ayrshire
Bruce C. Box 108 Harrow	Ayrshire	Cunningham Bros. Lancaster	Ayrshire
Bruce L. L. Box 108 Harrow	Jersey		

C

Cade Wm., R R 8 St Mary's
Cairns, Peter S. R R 1 Brantford
Callaghan W. A., R R 2 Prescott
Cahery Chas. A., Cantonment

D

Dadson Wesley R R 3 St Thomas
Dale Ross S Autville
Daley Russell S Selkirk
Dalrymple A J R R 3 Smithville
Dareavi J R Elgin
Darling Austin C Almonte
Darling John & Son R R 2 Peterboro
Darragh F J Newton
Darrath Thos 569 Armour Road Pte Davis, Mrs Emma J 66, Bradwood
Davis W R 21 Laurel St, South Ste

Name and Address	Breed	Name and Address	Breed
Hill, John, R R 1, Varney	Hereford	L	
Hillyard, James, Cataract	Hereford	Laister, J. M., R R 2 Woodstock	Jersey
Hird, Albert E., R R 3, Brantford	Jersey	Laithwaite, George, R R 1, Goderich	Jersey
Hitchcock, H. H., R R 1, St. Ann's	Hereford	Labonde, Julien J., R R 3, Alexandria	Ayrshire
Hoare, Jacob D., R R 3, Brantford Station	Hereford	Lamb, William K., Udney	Hereford
Hodgins, George A., Lucan	Jersey	Lampman, Earl, R R 4 Frewick	Jersey
Hodgkinson, William, Box 38, Aurora	Hereford	Lampman, Robert M., & Son, R R 1, Ancaster	Jersey
Honey, Thomas H., R R 1, Rosemeath	Hereford	Landon, M. Simcoe	Jersey
Hooper, John & Sons, R R 6, St. Mary's	Hereford	Landon, William M., Landowne	Ayrshire
Hoover, Simeon, Markham	Jersey	Lane, E. A., R R 1 St. Ann's	Jersey
Hopkins, C. W., Lambeth	Shorthorn	Lane, John M., R R 1, St. Ann's	(s) Jersey
Hopper, John M., R R 1, Paisley	Ayrshire	Langdon, G. S., Brighton	Jersey
Hotchick, Morley R., R R 1, Stratfordville	Hereford	Langdon, Kenneth M., Brighton	Jersey
Houch, Henry, R R 1, Embro	Ayrshire	Langs L. R., R R 1, Brantford	Jersey
Hough, Arthur, R R 2 Newington	Ayrshire	Latimer L., Wilfred, Edwards	Jersey
Houle, Bert, Vasey	Jersey	Latsch, George W., R R 3, Kitchener	Jersey
House, E. L., R R 3 Scotland	Ayrshire	Latsch, Orphen A., R R 1, Blair	Jersey
Howes, Fred G., R R 2, Harold	Ayrshire	Laurie, J. Stuart, R R 1 Agincourt	(A) Ayrshire
Howe, Clarence M., R R 2, Burford	Hereford	Lawrence, Mrs. Eliza, 299, Wharmcliffe Road, London	Jersey
Howe, E. T. & Son, R R 1, Ariss	Ayrshire	Lawrence, Joshua, R R 8, Woodstock	Jersey
Hudson, Joseph & Son, Lyn	Ayrshire	Lawrence, William, R R 1, Varney	Hereford
Hughes, A., R R 1, R R 1, Sarnia	Ayrshire	Lawson, B., R R 2, London	Jersey
Hughes, Dalton, R R 2 Sarnia	Ayrshire	Lazenby, Percy E., R R 4 Norwich	Jersey
Hughes, H. A., R R 1, Vernon	Shorthorn	Lea H. P., R R 3 Concession	Jersey
Hume, J. G., Shanty Bay	Hereford	Leach Misses Janet & Mary, Watford	Hereford
Hunter, Andrew, R R 2, Holstein	Hereford	Leach Robert J., R R 2, Watford	Hereford
Hunter, Bryson, R R 2, Orangeville	Ayrshire	Leader William H., R R 3, Orton	Jersey
Hunter, Earl, R R 2, Vankleek Hill	Ayrshire	Learn C. A., Box 217, Aylmer	Jersey
Hunter, John, Grimsby Beach	Hereford	Leask J. E., R R 2 Seagrave	Shorthorn
Hunter, John D., Dunsford	Jersey	Lee, H. M. Highgate	(s) Shorthorn
Hunter, Robert, General Delivery, London	Jersey	Leeming Robert L., R R 2, Kingsville	Jersey
Hussey, John A., 1028 Queen St., Sault Ste. Marie	Jersey	Leeming, William, R R 2, Glanville Station	Ayrshire
Hutchings, William, Senr., Box 60, Haliburton	Jersey	Leeson, E. J., R R 2 Peterboro	Ayrshire
Hutchinson, George, R R 4, Warkworth	Hereford	Leitch, Wm., No 2 Cornwall	(p) Ayrshire
Hutchinson, George A., Kimberley	Jersey	Lester, Noble Bridgen	Hereford
Hutton Russell J., R R 3, Streetsville	Jersey	Lester, S. L., Vienna	Jersey
Hyde, William, R R 1, Galt	Jersey	Lewis W. E., R R 1, Orton	Hereford
		Liebrook Frederick S., R R 3 Wheatley	Jersey
I		Little Arthur T., Box 529 London	Jersey
Ibey, J. T., Meyersburg	Jersey	Little, James D., Teeswater	Hereford
Inch Thomas Ryal Bank	Hereford	Little Robert H., R R 3 Campbellford	Ayrshire
Innes, W. R., R R 2, Woodstock	(s) Hereford	Livingston Estate of Malvin R R 4 Athens	Ayrshire
Irwin, Edgar C., Heathcote	Hereford	Locke John R. R. 4 Campbellford	Ayrshire
		London Health Association, The R R 7, London	Jersey
J		Long Douglass, R R 1 Mooretown	Hereford
Jackson, David, R R 4, Chatsworth	Hereford	Lothian Hugh J., R R 3 Vankleek Hill	Ayrshire
Jackson, Wesley, Drayton	Hereford	Locks Estate of C. A. Campbellford	Ayrshire
Jackson, Willis K., R R 1, Niagara-on-the-Lake	Jersey	Loughed J. R. R. 4 Meaford	Hereford
Jacques, Edgar W., R R 2 Clifford	Hereford	Lovegrove John H. A. Son, R R 4 Dunnville	Ayrshire
James William T., R R 4 Almonte	(p) Hereford	Lowe B. J., R R 1 Leonard	Ayrshire
Jamerson, Charles B., Winchester	Ayrshire	Lowe & Heubert Elora	Aberdeen Angus
Jamerson E. J., R R 3 Uxbridge	Jersey	Lowe Joseph Meaford	Hereford
Jamerson J. F. & S. M., R R 2 Collingwood	Hereford	Lowndes R. Oak Ridge	Jersey
Jamson E. D., R R 1, Sault Ste. Marie	Jersey	Lucas Jacob Palermo	Jersey
Jarell, George W., Cannifton	Jersey	Ludlow William H. & Son R R 4 Brantford	Jersey
Jarvis A. Julius Aurora	Jersey	Lundy T. J. Brampton	Hereford
Jarvis W. R., Locust Hill	Ayrshire	Luno, George F. & Sons R R 3 Petrolia	Hereford
Jasperson, B., Kingsville	Hereford	Luron Richard Ontario	Hereford
Johnson, Boyd C., Moose Creek	Ayrshire	Lyons Charles Wallacetown	Hereford
Johnson, C. N., R R 1 Ridgewill	Jersey	Lyons James T. & Sons, Lucknow	Hereford
Johnson, E. A., L'Original	Jersey		
Johnson, F. C., Box 4 Burford	Jersey	M	
Johnson, J. R., Springfield	Jersey	McAllister G. & Sons 200 Cardigan St. Guelph	Aberdeen Angus
Johnson, Walter, Fronte	Jersey	McArthur A. B. R R 1 Preville	Hereford
Johnston A. R., Cottam	Jersey	Macartney Mrs. W. H. R. 1 Milton West	Jersey
Johnston, B. C., R R 4 Guelph	Ayrshire	McAuley W. D. R R 2 Sault Ste. Marie	Jersey
Johnston, George, Northwood	Hereford	McBride J. S. & Sons Northfield Station	Ayrshire
Jones, John C., R R 1 Ridgewill	Jersey	McCall John Arthur R R 2 Blyth	Jersey
Jones, Charles & Son, Kirkton	Hereford	McCarter C. S. Jarvis	Jersey
Joslin, John M., R R 2 Smithville	Ayrshire	McClure William A. Georgetown	Jersey
Jury, A. F., Woodbridge	Jersey	McConnell J. E. R R 5 London	Jersey
		McConnell C. G. Galt	Jersey
K		McConnell P. W. R R 4 Meaford	Hereford
Kalns Alf., R R 4 London	Ayrshire	McConnell R. R. & Sons R R 1 Dunboyne	Jersey
Kay & Meyer, R R 2 Guelph	Shorthorn	McConnell T. A. R R 4 Meaford	Hereford
Kelly Bert, R R 3 Watford	Jersey	McCormack James M., Box 52 Rockton	Ayrshire
Kennedy, George, R R 1, Lucknow	Hereford	McCormack Wanda Harrow	Hereford
Kernohan, W. T., R R 1 London Junction	Jersey	McCoy John M. R R 1 Backford	Hereford
Kerr & Warkentin, Myrtle Station	Shorthorn	McCracken Edward K. J. Everett	Hereford
Kerr, Earnest, R R 3 Campbellford	Ayrshire	McCrack B. Guelph	(t) Galway
Kerr, Thomas K., Campbellford	Ayrshire	McClough Herbert R R 4 Kendalworth	Hereford
Kills, George C., Welland Port	Ayrshire	McDermott Andrew J. Beeton	(t) Hereford
King G. T., Park Hill	Jersey	McDermott Matthew R. Port Carling	Jersey
Kine John Kilmurry	Ayrshire	McDonald, A. A. R R 2 Greenfield	Ayrshire
King John B. Lambeth	Jersey	McDonald A. A. R R 1 Kirkfield	Hereford
Kinney I. Ber & Son, R R 1, Dunboyne	Jersey	MacDonald J. D. Halesbury	Hereford
Kittles, Samuel & Son, R R 3 Chesterville	Ayrshire	MacDonald John A. R R 4 Woodford	Hereford
Kittles, Robert, R R 3 Junction Falls	Hereford	MacDonald Roy R R 2, Winton Grove	Jersey
Kive, Roy, R R 1, Levere	Ayrshire	MacDonald Sam R. K. R. 1 Oaklath	Ayrshire
Knight, Stephen, Elginburg	Ayrshire	MacDonald, Stuart, New Lovell	Hereford
Knox, J. W. & Son, R R 3, Ingersoll	(A) Ayrshire	MacDonald, W. S., Gananoque	Jersey
		McDonough Mary R. K. M. J. Grove	Ayrshire
		Macdonald, D. S. Russell	Jersey
		Macdonald, Robert, London	Aberdeen
		McDonald, W. Chas., Napanee	(p) Jersey
		McDonald, A. W., 112, Second Avenue L. Owen Sound	Jersey

Name and Address	Breed	Name and Address	Breed
Porter Peter, Hurford	(i) Jersey	Skellon E J Box 57 Walkerton	Hereford
Potts A L Box 23 Smithfield	Jersey	Skinner Robert Z Maitland	Jersey
Prest Bros Stamford	Jersey	Skinner Wellington R R 1 Centuria	Hereford
Price W M Aurora	Jersey	Slote Delbert R R 2 South Woodlee	Jersey
Primmer, Edward Hepworth	Hereford	Smart Hard e Kingsville	Jersey
Pringle John Box 614 London	Jersey	Smith A Norman Box 227 Meaford	Hereford
Pritchard Lewis C R R 1 London	(i) Hereford	Smith Albert B Caledon	Hereford
Prouser Charles R R 1 Milton West	Hereford	Smith E A 346 Talbot Street St Thomas	Jersey
Pyce Lorne W Easton's Corners	Ayrshire	Smith G L Meadowvale	(p) Shorthorn
		Smith H D R R 1 Ancaster	Hereford
Q		Smith Howard W Edgeley	Jersey
Quale Ansley R R 2 Edwards	Brown Swiss	Smith J Edward & Son R R 1 Simcoe	Jersey
Quance Bros Ltd Delhi	Ayrshire	Smith Miss Minn e R R 4 Welland	Jersey
		Smith R W R R 3 Hagersville	Ayrshire
R		Smith Reginald J A R R 1 Hatchley Station	Ayrshire
Radley Harman C 88 Beverley Street Toronto	Jersey	Smith T W Main Street Hawkesbury	Ayrshire
Ra ne James, Greenwood	Jersey	Smith W T Alton	Hereford
Rains Harold Sea Gull	Ayrshire	Smithum William R R 2 Kerwood	Hereford
Rainsberry N J R R 3 Petrolia	Jersey	Snider Leander German Vils	Jersey
Ranson Levi Soperton	Ayrshire	Snyder Abram U R R 2 Waterloo	Jersey
Ramage Matthew W Chesley	Hereford	Sorley Jas & Sons R R 1 Ottawa	Ayrshire
Rammage Russell R R 2 Brantford	Jersey	Squire Fred R R 1 North Malden	Jersey
Reader W J Alvinston	Jersey	Stafford Mizou B R R 2 Sheddin	Ayrshire
Readhead Ernest M Milton	Hereford	Stagg M W Clara R R 2 St Catharines	Jersey
Readhead Walter R R 2 Milton	Hereford	Stalker Anthony R R 2 Collingwood	Hereford
Reed Estate of Isaac & Sons R R 3 Orillia	(i) Ayrshire	Stanell J L Strathfordville	Ayrshire
Reed R W R R 3 Georgetown	Jersey	Stark J H R R 7 Peterboro	Ayrshire
Reeves Harold Hawkesbury	Ayrshire	Steedman George H Scotland	Jersey
Reichheld Wm A R R 2 Hagersville	Ayrshire	Steele W J Newington	Ayrshire
Reid Dougal Hillsburgh	Hereford	Sten Jan ed D Meadowvale	Jersey
Reid George J Gorng	Hereford	Steffler Ed G R R 1 Midway	Hereford
Reid John R R 3 Tara	Jersey	Stevenson A R Norwich	Jersey
Reinhardt William R R 1 Elmira	Brown Swiss	Stewart D M Osgood Station	Ayrshire
RENDALL, JAS. & SONS R R 2 Highgate	Hereford	Stewart J Peterboro R R 1 Guelph	(i) Shorthorn
Rennick Geo M R R 1 Vankleek Hill	Ayrshire	Stittsinger W Wellandport	Jersey
Reynolds George E Elora	Hereford	Stokes Geo H R R 1 Tweed	Ayrshire
Richardson Cl H Arkona	Hereford	Stutt R W R R 2 Forest	Hereford
Ridley George R R 2 St Mary's	Hereford	Sullivan J E South Mountain	Ayrshire
Ridley W Decon	Hereford	Sunderland J St David's	Jersey
Robb A D R R 3 Harrow	Hereford	Surgeon William Box 359 Cornwall	Jersey
Robb Mrs Sarah R R 1 Wilton Grove	Jersey	Sutherland Angus R R 1 Laganville	(p) Ayrshire
Roberts John D Holstein	Jersey	Sutherland F W & Sons St Thomas	Jersey
Robertson A J Martintown	Ayrshire	Swan Robert S Valenta	Hereford
Robertson George D R R 1 Guelph	Hereford	Swale Cecil R R 3 Marton	Jersey
Robertson James R R 2 Rocklyn	Hereford	Swart H A S me	Ayrshire
Robinson Bros Box 3 St Mary's	(i) Shorthorn	Symington W E Camlachie	Ayrshire
Robinson Joseph W R R 1 Embroke	Hereford		
Robinson Thomas R R 3 Glen Williams	Jersey	T	
Rollings W R R 1 Simcoe	Ayrshire	Tarr Benjamin R R 2 Harriston	Hereford
Rose George E Woodruff	Jersey	Taylor Edward R R 1 Mansfield	Hereford
Rosevear E A R R 4 Cobourg	Hereford	Taylor Thomas R R 5 Wingham	Hereford
Ross Bert R R 1 Science Hill	Shorthorn	Taylor William J R R 2 Brampton	Jersey
Ross C M Selkirk	Ayrshire	Teasdale Frank Concord	Shorthorn
Ross Howard Williamstown	Ayrshire	Teller Charles Box 590 Collingwood	Jersey
Roth Allan R R 1 Baden	Jersey	Terman George H R R 4 Kenilworth	Hereford
Roy Daniel Danville	Ayrshire	Thorn Clifford Walford	Hereford
Rumford Lawrence Theford	Shorthorn	Thorn Walter E Morningsburg	Jersey
Russell T A Downstew	(p) Shorthorn	Thompson D M R R 3 N. Arta Falls	Jersey
Rutherford F M Bonarlaw	Ayrshire	Thompson M Grant Bloomfield	Jersey
Rutley H ram A Newington	Jersey	Thompson Thomas B R R 2 Denfield	Hereford
Ryan Michael R R 1 Everett	Hereford	Thompson Purvis R Belton	Jersey
Ryland George R R 4 Merton	Jersey	Thorn W Dam Linedock	Ayrshire
		Thorne S D R R 1 South Mountain	Ayrshire
S		Thurston R 1 Bobcaygeon	(p) Hereford
St Denis Eugene Plantagenet	Ayrshire	Thurston S M Dundasford	Hereford
Sales John W R R 1 Clarington Cross	Jersey	Thurston William M Dundasford	Hereford
Sales Ray A R R 4 Aylmer	Ayrshire	Tietz E H R R 1 Hagersville	Hereford
Salsbury J W R R 1 Yarker	Ayrshire	Titcher J H R R 4 Peterboro	Ayrshire
Sanderson A E Merrickville	Jersey	Tilt C A R Doon	Jersey
Sandilands Bros Williamstown	Ayrshire	Tisdale John W Shelburne	Hereford
Sands Fred D R R 2 Tottenham	Hereford	Tisdale Joseph J Shelburne	Hereford
Sanger Jas A R R 4 Lancaster	Ayrshire	Tulin Geo A Brangsville	Ayrshire
Sass W T 89 Walter Street Balchener	Brown Swiss	Tomac Farm Woodstock	Guernsey
Saunders A A R R 3 Petrolia	Ayrshire	Tomlinson F A Downsview	Jersey
Schneider Dan R R 1 Brantford	Hereford	Tomlinson W B Simcoe	Jersey
Schweizer Abassa & Son R R 2 Waterloo	Ayrshire	Torran e A & Son R R 1 Markham	Ayrshire
Scott Charles Sault Ste Marie	Jersey	Tran W R R 1 Markham	Ayrshire
Scott Ian T R R 1 Rodney	Hereford	Trathen W J Caledon	Hereford
SCOTT, D ARCY Central Chambers, Ottawa	Ayrshire	Trebelco W J W odville	Hereford
Scott John R R 1 Burlington	Shorthorn	Trumble Bros R R 4 Pictou	Ayrshire
Scott R D R R 3 Colborne	Jersey	Trumbull Thomas H & Sons Minden	(i) Hereford
Seabrook John J R R 1 Meaford	Hereford	Tucker Thomas R R 1 Pictou	Hereford
Seabrook Joseph R R 3 Hawkeok	Jersey	Tutts Arthur H R R 1 Tweed	Ayrshire
Seigmiller Bros Iversburg	Jersey	Turner A S & Co Rocklana Corners	(k) Jersey
Shanks Samuel Canasto	Hereford	Turner Garfield E R R 1 Midon West	Ayrshire
Sharp H W Box 13 Aurora	Hereford	Turner J L & Son R R 2 Orillia	Ayrshire
Sharp Wm R R R 3 Lakes de	Jersey	Tweedale Theo Essex	(p) Jersey
Sharpe Thomas J Hampton	Jersey	Tweedale Robt R R 2 Pickering	Ayrshire
Shaver J W Ayrmouth	Jersey		
Shaw and Son James Box 112 Bolton	Jersey	U	
Shepherdson J N Markdale	Jersey	Ure David R R 3 Maitland	Jersey
Shick R T R R 1 St Catharines	Ayrshire		
Shill Carman H Greenwood	Hereford	V	
Shill R J H New Bruce	Jersey	Valdman Walter N etam	Jersey
Shimpo Arthur R R 4 Atwood	Jersey	Valman Wm ed L R R 1 Elmira	Ayrshire
Shur Leger R R 2 Cameron	Hereford		

Name and Address	Breed	Name and Address	Breed
W			
Waechter George RR 4 Walkerton	Hereford	White George W., RR 1 Queensville	Hereford
Waechter John J. RR 1 Midway	Hereford	White Joseph Box 241 St Mary's	Shorthorn
Waechter Ralph R R 3 Walkerton	Hereford	Whitell Geo. Kingslake	Ayrshire
Walde William RR 2 Stratford	Shorthorn	Wicks Fred Downview	(r) Jersey
Walker Mrs Catherine Russell	Jersey	Wight Ernest L. RR 2 Thedford	Ayrshire
Walker J. A. RR 1 Gormley	Jersey	Wight Roland M. Thedford	Ayrshire
Wallace John RR 4 Corbetton	Hereford	Wigle Orta C. Kingsville	Hereford
Walker Geo. R. RR 1 Mountain	Ayrshire	Willough Nelson Doon	Jersey
Walter Herbert RR 3 Winchester	Ayrshire	Wilkinson L. J. Trout Creek	Jersey
Walton E. W. RR 1 Innerkip	Hereford	Williams Thomas J. RR 2 Watford	(r) Hereford
Walz Alex. RR 8 St Mary's	Jersey	Williams W. E. Tottenham	Hereford
Wanless John 213 Jonge Street Toronto	Jersey	Williams William E. RR 1 Corbetton	Hereford
Warner Burton B. RR 1 Allendale	Hereford	Willis Edgar RR 1 Gormley	Jersey
Waterson M. Iton E. Box 131 Kemptville	Jersey	Will's Mrs R. E. Woodbridge	Jersey
Watson George A. RR 1 Hyndford	Hereford	Wilson W. F. Box 295 Ottawa	Jersey
Watson George C. RR 3 London	Hereford	Wilson William F. 539 King Street East Oshawa	Jersey
Watson Joseph G. Queensville	Hereford	Wilton T. J. & Sons RR 2 Mount Brydges	Jersey
Watson Robert J. RR 1 Proton Station	Hereford	Winger A. L. RR 1 Glencoe	Hereford
Watson T. & J. RR 3 Priceville	Hereford	Wolfe Robert C. Dobbinston	Hereford
Watt Alexander Lancaster	Ayrshire	Wolff Abraham Doon	Jersey
Watt J. A. Lora	Shorthorn	Wood Charles F. & Sons Aurora	Jersey
Watts R. W. Bobcaygeon	Hereford	Wood Frank RR 1 Blyth	Shorthorn
Weaver L. J. Lyndoch	Ayrshire	Wood Hector M. Crookston	Ayrshire
Weber Irwin B. RR 1 Waterloo	Shorthorn	Wood W. J. Cornwall	Jersey
Webster A. L. & Son RR 1 Croton	Hereford	Woodhouse Bros. RR 1 Moorfeld	Ayrshire
Weekes G. N. London	Jersey	Woodward J. R. RR 1 Bruden	Hereford
Weir Donald R. 3 Belmont	Hereford	Wooden Duncan RR 4 Arthur	Hereford
Westley J. H. Newmarket	Jersey	Wright George B. Wheatley	(p) Jersey
Westbrook Anthony Junr. RR 1 Canaville	Ayrshire	Wright William RR 3 Sunderland	Hereford
Westlake C. H. RR 2 Peterboro	Ayrshire	Wyatt Lawrence R. RR 6 Strathroy	Hereford
Whaley I. A. RR 2 St Thomas	Ayrshire	Wythe Bros. Box 27 Cardinal	Ayrshire
Wheaton R. R. RR 2 Thorndale	Shorthorn	Wynl Wesley Markdale	Hereford
Wheeler Henry Hillsburgh	Hereford		
Wheeler S. A. Scotland	Jersey	Y	
White Charles W. Queensville	Hereford	York Louis Stanley Junction	Jersey
White Freeman Dartford	Hereford	Young Henry J. RR 5 Stratford	Jersey

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
A			
Acres A. H. Britannia Bay		Bard Charles St Mary's	Oxford Down
Acres George W. Vernon		Baker George & Son Burford	Hampshire
Action Robert J. Hurdridge		Baker J. RR 1 Hampton	Southdown
Affleck Edward Harrow		Baker J. M. Maple	(c) Shropshire
Agricultural College The Ontario Guelph	(cph)	Baker Thomas & Son RR 1 Hampton	Shropshire
		Baldwin W. M. R. 2	Shropshire
		Balkin Harold G. RR 4 Kingsville	(p) Dorset Horn
		Balkin W. Neal RR 1 Kingsville	(p)
		Balls B. F. Currie & Crossing	
		Balson J. W. Hampton	
Agricultural School Kemptville	(cp)		Lincoln
Agriculture Dept. of Dominion Live Stock Branch, Ottawa	(c)		Southdown
Agriculture Ontario Department of Toronto	(p)		Oxford Down
Alken T. J. Allenford		Barber C. F. Merrickville	(p) Shropshire
Alexis Thos. Port Carling		Barbour L. & Sons Hillsburgh	Oxford Down
Allan J. M. Appin		BARKER JAMES B., RR 4, Brantford	Southdown
Allan John R. 1 Orillia		Barker W. D. RR 2 Paris	Shropshire
Allan W. H. RR 3 Milton		Barnes Kenneth Oakland	Leicester
Alan H. & S. Orono		Barr John Blyth	Shropshire
Ailyn Chas. RR 4 Tilbury		Barr John Douglas	Shropshire
Alton J. D. RR 1 Eriand		Barrett W. H. & Sons RR 1 Port Dover	Suffolk
Alton John RR 1 Rockwood		Barron James D. Guelph	Dorset Horn
Anderson W. A. Chesley		Bartlett Valmor RR 2 Canfield	(c) Shropshire
Archer A. L. R. Wanstead		Batty Bros. Meaford	Shropshire
Argo, Wm. R. W. Guelph		Batty L. C. Myrtle	(h) Shropshire
Arnell H. 20 Sheraton Avenue Hamilton		Batty W. I. RR 1 Brooklin	Shropshire
Arnell Peter & Sons Teeswater		Baxter D. W. Georgetown	Hampshire
			Southdown
Armstrong A. A. M. nesing			Leicester
			Oxford Down
Armstrong George D. RR 1 Teeswater		Beatty Thomas Peterboro	
Armstrong Hugh Ierth	(c)	Bell David D. & Son Shakespeare	
Armstrong Joseph Meldrum Bay		Bell James A. Durka Falls	
Arthur D. R. Brantford		Bell Robert M. Barrie	Shropshire
Ash Tolman R. A. Chesley	Shropshire	Bell Mrs. Wm. R. 1 Toledo	Shropshire
Aselstine Robt. E. Wilton	Leicester	Belvoir Stock Farms Ltd. The Komoka & Delaware	(c) Shropshire
Atkinson James, RR 1 Horning & Mills	Oxford Down	Bennett Geo. & Son Charing Cross No 1	Leicester
Atkinson W. D. RR 1 Markham		Bent John A. Box 66 Omeine	Shropshire
Avery Clinton & Son RR 2 Brantford	Shropshire	Betz Joseph Souville	Dorset Horn
Aufed Herbert B. Delhi	Shropshire		Hampshire
Ayre A. RR 1 Hampton	Suffolk		Shropshire
		Bishop W. L. Norwich	
		Black J. Irvine RR 3 Fergus	Suffolk
		Blackburn Herbertin Uxbridge	Shropshire
		Blackburn Thomas M. & Son Littleby	Leicester
		Blake Oliver R. 2 Tavistock	Oxford Down
		Bourne R. G. RR 3 Ierth	Shropshire
		Bowers A. G. Maple	Suffolk
		Bowman James Box 14 Guelph	(c) Suffolk
		Boynton William Gormley	(ph)
		Bra N. A. M. No 2 Hornby	Leicester

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Name and Address	Breed	Name and Address	Breed
Green Arthur E. Currie's Cross ng		L	
Greer G. A. Lucknow	Leicester	Laudlaw Geo. B. R. 1 Wilton Grove	Leicester
Grills James R. 3 Elora	Leicester	Laudman Erland H. No. 2 Glandford Station	Shropshire
Groat W. M. Box 113 Mt. Forest	Leicester	Laudman Fred Glandford Station	Cotswold
Groff Israel Elmira	Shropshire	Lapman J. H. & Son R. 1 Georgetown	Cotswold
Grimley F. W. 1arris	Southdown	Lane John M. R. R. 1 St. Ann's	Shropshire
		Langmaid F. W. No. 1 Hampton	Oxford Down
H		Larkin John D. Inc. Queenston	Shropshire
Hall Stuart Little Britain	Suffolk	Law Wm. & Son R. R. 4 Stouffville	Shropshire
Hall W. T. R. R. 3 Brampton		Lawrence J. C. Myrtle	Leicester
Hamilton J. D. Colgan	(p)	Lean C. F. R. 6 Cobourg	Shropshire
Hamilton J. S. Chatsworth		Lee Ernest Greenbank	Oxford Down
Hamilton R. A. Russell	Dorset Horn	Lee Fred T. R. 3 Waterford	Lincoln
Hamilton W. Alfred Brougham		Lee H. M. Highgate	(k)
Hanmer H. Barford	Shropshire	Lennox W. J. W. 86 Collier St. Toronto	Lincoln
Hanson John Blackshear	Shropshire	Leslie R. J. Rockwood	
Harding R. H. Thornedale	Dorset Horn	Linden Joseph Denfield	Shropshire
Hardy Arthur C. Brookville	(k)	Linton W. L. Myrtle Station	Shropshire
		Little Thomas Camilla	Shropshire
Hast John R. R. 3 Renfrew	Suffolk	Livingsstone John Corbetton	Southdown
Hastings Bros. R. R. 7 Guelph	Leicester	Lloyd Jones J. Mount Vernon	Oxford Down
Hastings Robt. Englehart	Oxford Down	Lockie J. H. Zephyr	Oxford Down
Hay Bros. No. 3 Sombra	Leicester	Loftthouse William P. R. R. 3 Jarvis	(h)
Heal Wm. P. M. Iverson	Shropshire		
Hedley T. H. R. 1 Dentfeld	Suffolk	Lougheed John H. R. 2 Lions Head	Leicester
Henderson George & Son R. R. 7 Guelph	(c)	Louwen Emerson Glandford Station	Leicester
Henderson J. P. & Son R. R. 7 Guelph	Leicester	Lown D. W. Box 637 Tilsenburgh	Dorset Horn
Hendy Fred C. R. 3 Hastings	Leicester	Lunham James No. 3 Camlachie	Shropshire
Henry Chas. W. Thornton	Leicester	Luton E. E. R. 1 St. Thomas	Leicester
Henry Wm. T. R. 5 Chatsworth	Leicester	Luxon G. H. & Son Kendal	Oxford Down
Heslop Arthur R. Freeman	Leicester	Lynch Edward Maynooth	Shropshire
Hill Thomas Teeswater		Lynde F. G. Myrtle	Shropshire
Hillocks W. J. Wyoming	Oxford Down	Lynde Warner Whitby	
Hillock W. J. Caledon	Shropshire		
Hogle S. G. R. R. 1 Odessa	Shropshire	M	
Holdsforth R. G. Cobourg	Leicester	McAllister Wm. & Sons R. 1 Zurich	Leicester
Holland Clifford R. 3 West Lorne	Leicester	McAlpine A. D. Vainard	Southdown
Holmes John T. Tupperile	Shropshire	McArthur Angus R. 1 Durham	Leicester
Honey Mrs. E. 1 R. 3 Warkworth	Shropshire	McAulay Walter Kynoch	Dorset Horn
Hopkins R. M. R. R. 1 Victoria Harbour	Southdown	McCallum Hugh Dutton	Leicester
Horn A. Landsey	Oxford Down	McConachie Alex. Hagersville	(c)
Horning W. T. Ewart Dobbinton	Shropshire	McCormack Malcolm Amaranth	Leicester
Hornburgh Norburn Holstein	Shropshire	McCrea D. B. Guelph	Oxford Down
Hosier W. A. Lowbanks	Southdown	McCullough James A. Allendale	Leicester
Howard John E. Heslop	Shropshire	McCully Norman G. St. Mary's	Shropshire
Howden A. J. Columbus	Leicester	McDermid John S. Providence Bay	(c)
Howson Anson Essex		McDermott Andrew J. Beeton	Shropshire
Hueston William H. Thornedale	Southdown	McDonald J. F. & Sons R. 1 Thamesford	Leicester
Hunt Edwin Mount Vernon	Shropshire	McDonald Wm. T. Tekkumham	Shropshire
Hunter Ed. Brantford	Dorset Horn	McDonald Chas. Guelph	
Hunter Hugh M. R. 3 Petrolia	Suffolk	McDonald W. Oxford Centre	Shropshire
Hutchinson A. L. & Son Belwood	Shropshire	McEwen Alex. Mount Pleasant	Shropshire
Hutchinson D. & Son R. R. 1 Burgessville		McEwen Archie R. R. 1 Brantford	Shropshire
Hutchinson George & Son R. R. 4 Warkworth	Shropshire		
Hyde David W. Shakespeare		McEwen J. D. R. 3 Denfield	(p)
		McEwen P. J. Wyoming	Southdown
I		McEwen Robert London	(cpk)
Imeson H. W. Harlem	Leicester	McFarlane J. Fraser Ailsa Craig	Shropshire
Ingelhart H. R. 1 Bronte	Leicester	McFarlane James, Odessa	Shropshire
Ingis Wesley H. Walkerton	Oxford Down	McFarlane John R. 3 Clinton	Leicester
Innes J. W. R. 1 Woodstock	Leicester	McGibbon Archibald H. R. 3 Milton	
Innes W. L. Smoot	(c)	McGill J. H. Princeton	Leicester
Innisfree Ltd. LeROY	Suffolk	McGirr John R. 4 Durham	Shropshire
Iving David R. 1 Campbellville	Leicester	McIntosh Lawrence Park Hill	Leicester
J		McIver Wm. R. R. 4 Komoka	Shropshire
Jackson John C. No. 1 Ballycroy	Hamphshire	McKack Frank Osprey	Leicester
Jamieson Angus R. R. 1 Woodville	Shropshire	McKenzie Edward R. 1 Hagersville	Leicester
Jelly H. D. 51 Elmwood Ave. Toronto	Leicester	McKenzie George R. R. 1 Kemble	Oxford Down
Jelly John Jellyville	Leicester	McKenzie Hubert B. Thornton	Shropshire
Jenkins Bros. R. 4 Cayuga	Suffolk	McKenzie John R. 3 Chatsworth	Leicester
Jewson J. L. R. 1 Fort Erie	Leicester	McKessock J. S. Sudbury	Leicester
Johnson Duncan App. n	Leicester	McKessock W. J. & Son R. 5 Chatsworth	Leicester
Johnson Fred Ravenna	Oxford Down	McKinlay D. B. & Sons R. 1 Georgetown	Shropshire
Johnson J. V. North Bruce	Shropshire	McKinnell George A. R. 1 Glandford Station	Shropshire
Johnson Peter App. n	Leicester	McKinnell T. F. Calistot Centre	Leicester
Johnson Whit R. R. 3 Glencoe	Shropshire		
Johnston Wm. R. 1 Galt	Oxford Down	McKinnell Will am A. Sutherland	Shropshire
	Leicester	McKinnell Alex. R. R. 1 Erin	Oxford Down
		McKinnon Bruce A. R. 1 Hillsburgh	Leicester
K		McKnight E. & Sons Rockton	Leicester
Kam Lloyd R. R. 1 Woodstock	Shropshire	McLachlan Mrs. Dan Green Valley	Leicester
Kelown M. J. R. R. 1 Milton	Oxford Down	McLaren H. W. 826 Bithurst St. Toronto	Oxford Down
Kelley Will am S. M. n	(p)	McLaren I. S. R. R. 1 Perth	
Kelley Frank Aylmer W. n	Cotswold	McLaughlin Col. L. T. Tyrone	(f)
Kelly Dan 111 St. Michaels	Leicester	McLaughlin R. Bay R. 1 Oshawa	Shropshire
	Leicester	McLaren Harthow L. L. L.	Shropshire
Kelley John R. W. n. n. n. n.	Hamphshire	McLean W. J. Chatsworth	Southdown
Kelley John R. W. n. n. n. n.	Shropshire	McLean Will am & Sons R. R. 2 Kerrwood	Leicester
Kelley John R. W. n. n. n. n.	Oxford Down		Leicester
Kelley John R. W. n. n. n. n.	Leicester	McLeod J. A. Hainville	Leicester
Kelley John R. W. n. n. n. n.	Leicester	McLennan John A. R. 2 Hawkestone	Leicester
Kelley John R. W. n. n. n. n.	Leicester	McMillan Donald I. R. 1erville	Leicester
Kelley John R. W. n. n. n. n.	Shropshire	McNab John M. I. R. 1erville	Shropshire
		McPhaden D. J. R. R. 1 Cresswell	

Name and Address	Breed	Name and Address	Breed
Smith Gordon Woodhiser	Oxford Down	V	
Smith John Douglas R 1 Clandeboye	Leicester	Vernon Robert & Son Port Perry	Shropshire
Smith Robert B Columbus	Cots fold		
Smith Robert H R R 1 Caletta	Shropshire		
Smith Wm J R 8 Park Hill	Leicester		
Snell James R R 1 Clinton	Leicester	W	
Snowden L. C. R R 3 Bowmanville	Shropshire	Walker Frank Chatsworth	Leicester
Spalding J W Watford	Shropshire	Walker Peter T Pontypool	
Spurgeon Geo. & Son Batteau	Leicester	Wallace R J Prescott	Oxford Down
Spence Jas. A Brewer & Nills	Shropshire	Wallace Wm A Kars	Shropshire
Springfield J W & Sons Ca stor Centre	Southdown	Walsh Leighton M Vittoria	
Stafford Morley A R R 2 Shedden	Dorset Horn	Wardner Walter & Son Lion's Head	Oxford Down
Stark William R R 5 Milton	Oxford Down	Waterbury Walter M Selkirk	Shropshire
Steen Walde & Sons Hillsburgh	Shropshire	Waterman Fred R 1 So Monaghan	Leicester
Stephen George Ashburn	Shropshire	Watson A Petrolia	
Stevenson John R 2 Holste n	Leicester	Watson A & Sons Forest	Leicester
Stewart A M J Son Vernon	Shropshire	Waugh R B R R 2 Burford	Shropshire
Stewart Andrew Almore	Oxford Down	Webb William Gananogue	Shropshire
Stewart Donald R 1 Stratford	Southdown	Webber W H & Son Clifford	Shropshire
Stewart Mrs Duncan W Appleton	Leicester	Wedgefield Geo H Providence Bay	
Stewart George J Downsville	Suffolk	Wellington An brose, Forest	
Stewart Peter & Son R 1 Guelph		Werden J F & Son R R 8 Picton	Dorset Horn
Stobbs Cecil Wheatley	Dorset Horn	Wheaton James H Thorndale	Shropshire
	Southdown	Wheeler John A Hillsburgh	Oxford Down
Stone James B Delhi	Cheviot	White Bros Pickering	
Stonehouse Robert Unionville	Shropshire	White Geo & Son R 2 Tara	Leicester
Stroon Pat C O Horn	Hampshire	Whitelaw A & W Guelph	Leicester
Strong George R R 1 Dobbinson	Oxford Down	Wicks Fred Downsview	Dorset Horn
Sutherland D R R 2 Ingersoll	Cotswold	Widdfield J W Uxbridge	Oxford Down
Swan Harry & Son Corby's Ile	Oxford Down	Wilkinson Geo A Alliston	
Sword Thos J Heather Brae Farm Heaslip	Shropshire	Williams Thomas J R R 2 Watford	Dorset Horn
Swington Roy Hagerville	Leicester	Willmott F C & Son R R 1 Milton	Hampshire
		Wilson A S Norval	Shropshire
T		Wilson Chas R R 4 Brantford	Shropshire
Taylor David H R 1 Moffat	Leicester	Wilson Mrs Charlotte M inden	Leicester
Taylor Elgin R Ennskallen	Shropshire	WILSON CLARENCE R Merrickville	Oxford Down
Taylor John S St Eugene	Leicester	Wilson E & Son Leicest H II	Leicester
Taylor L J Bracedridge	Oxford Down	Wilson Harold E Sterr chville	Shropshire
Teller Bros Farns	Hampshire	Wilson Jas W R 6 Tilsonburg	Leicester
Telfer James A Paris	Southdown	Wilson Norman Port Hope	Shropshire
Thompson Emerson I Cayuga	Dorset Horn	Wise E H Clinton	Leicester
Thompson Mrs George Granville	Leicester	Wood C & E Freznan	Leicester
Thompson Adam R R 1 Stratford	Oxford Down	Wood James & Son Basil ebora	Leicester
Thorn John K Stratford	Leicester	Wood Wm. Sr Ialermo	Leicester
		Wright Carl J Blackstock	Leicester
Todd Orville Church H	Shropshire	Wright Fred Caledonia	
Tolson Alfred R 5 Macdendale	Oxford Down	Wright H Caledonia	Oxford Down
Trabelco W J Woodville	Shropshire	Wright John & Son Box 81 Chesley	Leicester
Trumble W G & J H Caledon	Leicester	Wright Thomas R 4 Scotland	Shropshire
Trimbull T H & Son Minden	Leicester	Wright W E & Son Glean worth	Dorset Horn
Tuckey L S Komoka	Leicester	Wyley Stanley Vasey	Shropshire
Tudhope Wm R 2 Hawkestone	Leicester	Wyndham W Guelph	Suffolk
Turnbull O & Son Brunsell	Oxford Down		
Tyrdall A Warden Lion's Head	Oxford Down	Y	
		Young John R 1 Ca stor Centre	Leicester
U		Young John H Eghinton	
Underhill James Claxmont	Shropshire	Young Robert Glandorf Station	Shropshire
Usher Harry Ederley	Leicester	Youngs A F & Son R 1 Embro	Leicester
Uter W F R 2 Freeman	Leicester		

Pig Breeders

Name and Address	Breed	Name and Address	Breed
A		B	
Agricultural College The Ontario Guelph	Yorkshire	Backus Harry Chatham	Hampshire
	Tamworth	Backus L R R R 3 Chatham	
	Berkshire	Bailey A F Arner	Durce Jersey
	Yorkshire	Baker Geo B R R 1 Newington	Tamworth
Agricultural School Kempville	Yorkshire	Baldwin L H 4 Old Forest Hill R 1 Toronto	Yorkshire
Agriculture Ontario Department of Ridgetown	Berkshire	Balkwill Hazel G R R 4 Kingsville	Durce Jersey
	Yorkshire	Balkwill W Neal R R 1 Kingsville	
Agri Culture Ontario Department of Toronto	Tamworth	Ball John A R R 1 Alliston	Yorkshire
	Yorkshire	Banwell Joseph T R R 1 Win Isor	
	Tamworth	Barber C F Merrickville	Yorkshire
	Berkshire	Barker John W Timville	Chester White
	Tamworth	Barker Wesley Dow n	Yorkshire
Ahrens F W St chell	Yorkshire	Barnett Charles A St Mary's	Tamworth
Alkman W J George town	Tamworth	Bartlett A B Smithville	Berkshire
Alma Alexander Emerson	Yorkshire	Bartlett Arthur W Hibia	
Alsbrown John C Tilbury		Bates W T Box 333, Cere more	Yorkshire
Almstrong W B Tilbury		Benton James T R R 2 Hamilton	Yorkshire
Amey George Brimley		Beaumont J J & Sons, Bracebridge	Yorkshire
Antkowi Albert St Thomas		Bellier M from A Treason	Yorkshire
Armstrong Andrew Newbury		Bell Arthur J Wheatley	Poland China
Arm W J Essex		Bennett C W & Son Charing Cross No 2	Chester White
Atkinson C F Brantford	Durce Jersey	Bentley John H Hurk Falls	Yorkshire
Aubrey Warren A, Kilmorath	Yorkshire		

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Name and Address	Breed	Name and Address	Breed
O		Smith A R No 3 Waterford	Tamworth
Odgen Allan Aylesworth		Smith Dave No 1 Alton	Yorkshire
Oliver Walter Branchton	(s)	Smith C L Meadowdale	Herksire
O'Neill John RR 2 Priceville		Smith John W Catam	Duroc Jersey
Ontario Hosp tal Brockville	(t)	Smith R A No 2 Leamington	
Ontario Hospital Hamilton	Yorkshire	Smith Thos & Son Utom a	Yorkshire
		Smith Walter H Brighton	Yorkshire
		Smith Wm R & Sons No 1 Northwood	
Ontario Hospital Kingston	Yorkshire	Snell Victor J H RR 1 Central a	
Ontario Hospital London	Yorkshire	Snider Howard S Waterloo	Tamworth
Ontario Hospital Whitby	Yorkshire	Snider W Emerson Zurich	
Ontario Hospital Woodstock	Yorkshire	Snyder Allen Breslau	Yorkshire
Ontario Reformatory Guelph	Yorkshire	Somerset W B Freeman	Yorkshire
Orton Gordon J R R 2 Coldwater	Yorkshire	Spauling T L Wainstead	Yorkshire
Oudeirk P M & Son RR 2 Berwick	(s)	Spence J B & Son Northwood	Herksire
Ouellette D & A RR 1 Amherstburg	Berkshire	Spence R G Ridgetown	
		Spicer Jas Conn	Yorkshire
P		Stall brass Wm Moffat	Yorkshire
Palmier B G Norwich		Stark A Nelson Georgetown	Tamworth
Pardo L A & Sons Charing Cross		Starr Fred & Son No 2 Wallensta n	Yorkshire
Park Horace Ruan Ruffert	Yorkshire	Sterbs Cecil R R 1 Wheatley	Yorkshire
Patterson Norman B RR 1 Caledonia	Yorkshire	Stickle John No 2 Kitchener	Yorkshire
Pattinson R A Lancaster	Yorkshire	Stephenson John, Thedford	Tamworth
Pattison L J No 3 Moorefield	Yorkshire	Stevenson John Merl n	Duroc Jersey
Payne W H No 1 Little Brita n	Yorkshire	Stewart Mrs Duncan W Appleton	Yorkshire
Peers Clair Woodstock	Yorkshire	Stewart Harry & Sons St Paul's Station	Yorkshire
Peschbacher Wm J Muldavn	Yorkshire	Stewart J D Corning	Tamworth
Pfeiffer Jacob No 3 Elmwood	Yorkshire	Stewart Lorne R R 1 Lanark	Berkshire
Pinkney William & Sons RR 1 Cooksville	Yorkshire	Stewart W A & Sons No 3 Chatham	
Playfair W A Falbrook	Tamworth	Stinson Luke Dresden	Chester White
Poland John Braddon	Yorkshire	Stiver J I H Unonville	Berkshire
Pollard J Norwich		Stock C J Woodstock	Yorkshire
Porter W H 41 Windsor Avenue London		Soltz Elmer S RR 1 Ayr	Yorkshire
Puffer Andrew & Sons Morristown	Yorkshire	Stone Alfred Amprior	Yorkshire
		Storie Alfred Amprior	
Q		Storry Edgar No 3 Stouffville	
Quilt P J Ashlad	Berkshire	Stothart John Priceville	Yorkshire
		Strecher Chris S Welleslev	
		Strickler Dan El J Woodstock	
		Strong W J Belle River	Poland China
R		Struthers Wilbert No 2 Atwood	
Rae Wesley H RR 3 Almonte	Tamworth	Stuart M G No 2 Turnerville	Yorkshire
Rath J Jas RR 1 Auburn	Yorkshire	SUFFERMAN WILLIAM A & SONS Uttersen	Yorkshire
Rath Charles Mosslev	Tamworth	Sull van Denis L No 1 Hullabro Station	(c) Yorkshire
Rathwell Sam J RR 1 Dobbinton		Sutherland Angus R R 1 Eganville	Yorkshire
Rawlins Ralph Cottam		Sutherland F Bradford	Yorkshire
Rea Jas A No 3 Walton		Sutton Samuel Mckibburg	Yorkshire
Recker Henry C, Wheatley		Swackhamer C B, Acton	Yorkshire
Reid Arch No 1 Erin	Yorkshire		
Reid Bruce Northwood		T	
Reid John R Almonte		Talbot Edward Corbetton	Tamworth
Rennie W G Agincourt	Yorkshire	Taylor Fred Warton	Duroc Jersey
Rennie Wm & Co Agincourt	Yorkshire	Taylor R Wm Glasgow Station	
Richardson A Campbell	Berkshire	Templar R Burford	
Richardson Harry Harrow	Poland China	Templeton R A No 1 Electric	
Richardson Roy G No 1 Amherstburg		Therrien Paul Curran	Berkshire
Riley Edson Staples	Yorkshire	Thom Alex Renfrew	Yorkshire
Robb J C Ilderton	Yorkshire	Thompson J Jerseyville	Large Black
Robertson Walter Monkland	Yorkshire	Thompson M F Wexford	Yorkshire
Robinson R J Leamington	Duroc Jersey	Thompson Wiam McNeill	Chester White
Robinson R J Westmeath		Thomson Adam R R 1 Stratford	(s) Berkshire
Robinson Thos R R 2 Ancaster	Yorkshire	Thornburn Harry W Uthoff	Yorkshire
Robinson Thos R R 2 Ancaster	Yorkshire	Thorne F York	Yorkshire
Rodgers William R R 1 Cameron		Thurston R E Hobeaygon	(c) Yorkshire
Rogers Russell Kingsville	Chester White	Todd J W Corinth	Tamworth
Rollins Wm No 3 Madoc		Traban H R R 7 Chatham	
Rolson L M Sparta	Tamworth	Tryon Frank Sharbot Lake	Duroc Jersey
Rose H W No 2 Frankford		Turner A D & Sons No 2 Shedden	Yorkshire
Ross E F, R R 1 Auburn	Berkshire	Tweddle Theo Essex	(c) Duroc Jersey
Ross K D Cottam			
Rowat W S Manow & Station		U	
Rudd R R & Son R R 7 Guelph	Berkshire	Urick Joseph Pomrasan	Poland China
Russell Wilfrid No 1 Charing Cross			
Rutherford T M Bonarlaw	Yorkshire	V	
Rutherford R J RR 2 Bolton	Yorkshire	Vanderboof E Westport	Duroc Jersey
Rutledge Wm J RR 1 Hybla	Yorkshire	Varey M J Mono Hillis	Chester White
		Varey M J Orangeville	Chester White
		Veen n, Chas. No 2 Moseley	
		Vernon E W RR 5 Stratford	Berkshire
S			
Sadler J W Mawlev	Yorkshire		
St Louis Herman Essex	Chester White		
Sargeant Robert No 2 Maberly	Yorkshire		
Scott Frank A J Tottenham	Yorkshire		
Scott R J & T L Comarvis			
Scott W G RR 6 Acton	Berkshire		
Seann J F & Son R R K * Calist Centre	Tamworth		
Shane Lance Ten Tons	Yorkshire		
Shant T ten Atchewer	Yorkshire		
Shawie Wendell R RR 6 Kitchener	Yorkshire		
Shawson Col a Nashville	Tamworth		
Shurtliff J No 3 Wilton Cove	Yorkshire		
Shurtliff H E Paquette Station	Yorkshire		
Si F. P. N. van Altherien	(s)		
Silvert Creek Farm Co. The Runcombe			
Simmons J C Wrecker	Large Black		
Sim J P, Overton	Berkshire		
Sims H Ward, Kemptville	Yorkshire		
		Walker Jos. No 2 Wardsville	Yorkshire
		Walker Smith, Newburgh	Berkshire
		Walker John Woodville	Berkshire
		Walker Am. A. Kars	Berkshire
		Walker	Duroc Jersey
		Walker Chas F Berry	Yorkshire
		Warren Harold R. Lansdowne	Yorkshire
		Watson Wmerton, R R 1 Wyoming	Yorkshire
		Way Tom Sackard	Yorkshire
		Webster Bess, Glasgow	(h) Poland China
		Webster J E. Chatsworth	Yorkshire
		Webb W Liam & Co. Ltd. The London	Yorkshire
		Webb G Arthur No 1 St. Catharines	Yorkshire
		Webster H. G. Castillon	Yorkshire
		Wesley Carman M. Kars	Chester White

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Name and Address	Breed	Name and Address	Breed
O			
Oden Allan Aylesworth		Smith A R No 3 Waterford	Tamworth
Olsen Walter Branchton		Smith Dave No 1 Alton	Yorkshire
O'Neill John RR 2 Priceville	(s) Yorksh re	Smith C L Meadowdale	(c) Berkshire
Ontario Hosp tal Brockville	(f) Yorkshure	Smith John W Cottam	Duroc Jersey
Ontario Hosp tal Hamilton	Yorkshire	Smith R A No 2 Leamington	
Ontario Hospital Kingston	Yorkshire	Smith Thos & Son Utopia	(A) Yorkshure
Ontario Hosp tal London	Yorkshire	Smith Walter H Brighton	Yorkshire
Ontario Hosp tal Whitby	Yorksh re	Smith Wm R & Sons No 1 Northwood	
Ontario Hosp tal Woodstock	Yorksh re	Snell Victor J H RR 1 Central a	Tamworth
Ontario Reformatory Guelph	Yorksh re	Solider Howard S Waterloo	
Orton Gordon J RR 2 Coldwater	Yorksh re	Souder W Emerson Zurich	Yorkshire
Outterick R M & Son RR 2 Berwick	(c) Yorkshure	Snyder Allen Breslau	Yorkshire
Outlette D & A RR 1 Amherstburg	(h) Berkshe re	Somerser W B Freeman	Yorkshire
		Spang T L Wainstead	Yorkshire
		Spence J B & Son Northwood	Berkshire
		Spence R G Ridgetown	
		Spicer Jas Conn	Yorksh re
		Stall brass Wm Moffat	Yorksh re
		Stark A Neilson Georgetown	(f) Tamworth
		Starr Fred & Son No 2 Wallenstein	Yorkshure
		Stebbs Cecil RR 1 Wheatley	Yorkshure
		Steele John No 2 Kitchener	Yorksh re
		Stephenson John Thedford	Tamworth
		Stevenson John Merit n	Duroc Jersey
		Stewart Mrs Duncan W Appleton	(f) Yorksh re
		Stewart Harry & Sons St Paul's Station	Yorkshire
		Stewart J D Cornith	Tamworth
		Stewart Lorne RR 4 Lanark	Berkshire
		Stewart W A & Sons No 3 Chatham	
		Stinson Luk Dresden	Chester White
		Stiver J I B Unionville	Berkshire
		Stack C J Woodstock	Yorkshire
		Stoltz Elmer S RR 1 Ayr	Yorkshire
		Stone Alfred Amptor	
		Stone Alfred Amptor	
		Storry Edgar No 3 Stouffville	
		Stothart John Priceville	Yorksh re
		Stretcher Chris S Wellesley	
		Strickler Daniel J Woodstock	
		Strong W J Belle River	Poland Ch na
		Struthers Wilbert No 2 Atwood	
		Stuart M G No * Turnersville	Yorkshire
		SUFFERLY WILLIAM A. & SONS Uttersen	
		Sull van Den s L No 1 Kialia Station	(c) Yorksh re
		Sutherland Angus RR 1 Eganville	Yorksh re
		Sutherland F Bradford	Yorksh re
		Sutton Samuel M Cksburg	Yorkshu e
		Swackhamer C B Acton	
		T	
		Talbot Edward Corbetton	Tamworth
		Taylor Fred Warton	Duroc Jersey
		Taylor R Wm Glasgow Stat on	
		Templar R Burford	
		Templeton R A No 1 Electric	
		Therrien Paul Curran	Berkshire
		Thom Alex Renfrew	Yorkshire
		Thompson J Jerseyville	Large Black
		Thompson S F Westford	Yorkshire
		Thompson Willam McKellar	Chester White
		Thomson Adam RR 1 Stratford	(s) Berkshire
		Thornburn Harry W Uthoff	Yorkshire
		Thorne J York	Yorkshire
		Thurston R E Polkavergon	(c) Yorkshure
		Todd J W Cornith	Tamworth
		Traban H RR 7 Chatham	
		Tryon Frank Sharbot Lake	Duroc Jersey
		Turner A D & Sons No 2 Sheddin	Yorksh re
		Tweddale Theo Linx	(c) Duroc Jersey
		U	
		Uir k Joseph Pownman	Poland China
		V	
		Vanderhoof E Westport	Duroc Jersey
		Varey M J Moss M H	Chester White
		Varey M J Orangeville	Chester White
		Venn ng Chas No * Mossley	
		Vernor F W RR 5 Stratford	Berkshire
		W	
		Walker Jos No 2 Wardsville	
		Walker Smith Newburgh	Yorkshire
		Walser John Woodville	Berkshire
		Wallace Wm A New	(c) Duroc Jersey
		Warner Chas Tillery	Yorkshure
		Warren Harold B Lamsdowne	Yorkshure
		Watson Wmington RR 1 Wmington	Yorkshure
		Way Tom Salsford	Yorkshure
		Wells E Hm Gilmore	Poland China
		Wenden J E Chatsworth	Yorkshire
		Wells William & Co Ltd The London	Yorkshure
		Wells Ed & Arthur No 1 St Catharines	Yorkshure
		Wells H G Caistor	Yorkshure
		Wells J Carman M Lm	Chester White

Name and Address	Breed	Name and Address	Breed
H		M	
Hagey Carl R R Preston	Yorkshire	McArthur Robert Moorefield	Yorkshire
Haze Clarence R R 2 Ruthven	Yorkshire	McBrien R H Muir Kirk	Yorkshire
Hall John No 4 Dundas	Yorkshire	McCague H D R R 2 Gornley	Yorkshire
Hall Jos H R R 2 Elora	Yorkshire	McCamus T W Mill Brook	Yorkshire
Halladay Edmund Smith Falls	Chester White	McCormack W A R R 1 Brockville	Yorkshire
Halpenny A J Galetta	Yorkshire	McCormick J J Ians	Tan worth
Hamilton John D Colgan	Yorkshire	McCorquodale A E Embro	Yorkshire
Hamilton John F Cromarty	Yorkshire	McCorquodale Burns Embro	Yorkshire
Hansuld I D No 2 Tavistock	Yorkshire	McCracken Tans H Bradford	Yorkshire
Harkness Leslie W Sarma	Yorkshire	McCracken W L Meadowdale	Yorkshire
Harcman Arwood R R King	Yorkshire	McDonald D Arcy Warren	Tan worth
Harrison H B A Son Rideoutown	Tamworth	McEachin R A Son North Keppel	Yorkshire
Hart Douglas H No 3 Woodstock	Yorkshire	McEwen Robert London	Yorkshire
Hartwig Ernest G Kallio	Chester White	McFarlane F D A Son Essex	Yorkshire
Harvey Chas Exeter	Yorkshire	McGillivray Duncan L Vankleek Hill	Yorkshire
Hawk ns Herb R R 1 Golden	Yorkshire	McGorman Percy Kingsville	Chester White
Haxstock A Robert Salford	Yorkshire	McGreer E D J Albert St Kingston	Yorkshire
Hazzard F G Tupperville	Berkshire	McKay Bros Embro	Yorkshire
Harlett Chas S R R 4 Jarvis	Tamworth	McKay Jas R R 4 St Marys	Tamworth
Healey Marshall Kingsvill	Yorkshire	McKee Bernard Ingers	Yorkshire
Heath C L Stirling	Duroc Jersey	McKinnon B A H Iisburgh	Yorkshire
Heath Henry L No Harrow	Yorkshire	McKinnon D C No 2 Atherly	Yorkshire
Hedley R T Hideron	Yorkshire	McKinnon Donald Cupar	Yorkshire
Heilich C A N 3 Lira	Duroc Jersey	McKinnon Wm G No 2 Turnerville	Yorkshire
Helpel R Sell Hamburg	Yorkshire	McLaren Jas D Nadela	Yorkshire
Heile Walter C No 1 Essex	Duroc Jersey	McLaren John D R R 2 Ashpaw	Yorkshire
Hermanian Fred Cottam	Yorkshire	McLaren R H Small	Yorkshire
Higgins Geo & Sons No Harrow	Yorkshire	McLaughlin R Ray R R 2 Orshawa	Yorkshire
Hill T B & Sons No 1 Burgessville	Yorkshire	McLean Ralph Harrow	Yorkshire
Hillier I O W Than esvill	Yorkshire	McLennan D J Lancaster	Yorkshire
Hitchcock L V No 1 Hagersville	Yorkshire	McLennan F C Lancaster	Yorkshire
Hoare Albert Scudler	Yorkshire	McLeod William A R R 1 Lorne	Yorkshire
Hoffin an John C R R 1 Millbank	Yorkshire	McLeod W D A Mart stown	Yorkshire
Holmes Arch A No 4 Kemptville	Yorkshire	McNeill C L Fraserville	Yorkshire
Honey R chards No 1 Dartford	Yorkshire	McPahr n Ed & Sons No 3 Essex	Yorkshire
Hookway Herb rt London	Yorkshire	McVicar John Mull	Chester White
Hooper Grant A Salford	Yorkshire	Mahon I M Rosseau	Yorkshire
Hosack John Henry Dunchurch	Chester White	Mann Jordan Branchton	Yorkshire
Hosack Henry R R 3 Walkerton	Yorkshire	Ma (and) J D & Son Elora	Yorkshire
Hosbell L D Thim s He	Chester White	Mallard Geo Oaxenden	Berkshire
Huber s m n No 2 Hamburg	Yorkshire	Malott C No 3 Wheatley	Duroc Jersey
Hudson C A Bradford	Yorkshire	Malott William B & Son R R 1 Mull	Yorkshire
Hug II Abraham No Seaforth	Yorkshire	Marentette Abel Staples	Yorkshire
Hurl R C Onila	Yorkshire	Marshall Bros R R 1 Ballings Bridge	Yorkshire
Hutchinson John Victoria	Duroc Jersey	Mart n Bruce H Corbyville	Yorkshire
Hutton Benson Lorne	Large Black	Mart n J B Parliament Bldgs Toronto	Yorkshire
Hutton J C Wellan	Yorkshire	Martin W A & Sons Box 38 Corbyville	Yorkshire
I		Martin W A & Sons Wyoming	Tan worth
I ne Osgeode W R P 1 Woodville	Yorkshire	Matheson Dan Devlin	Yorkshire
Iraus Albert Mount Newdes	Yorkshire	Merram R 1 Norwich	Yorkshire
Ireland W J R R 1 Schomberg	Berkshire	Metcalfe A L & Son No 1 Wheatley	Yorkshire
Ievig W A Fansie	Yorkshire	Metz George Comber	Yorkshire
Irw n J H rt W B n	Yorkshire	Mibrandt Aug & Son No 2 Baden	Yorkshire
Irw n Leroy No 2 Ruthven	Yorkshire	Miler N R R 3 Waterford	Yorkshire
J		Miler S & Sons R R 2 Ayr	Chester White
Jackson James Norwich	Yorkshire	Mills Alfie I O Springs	Yorkshire
James Geo M Sundridge	Yorkshire	Mines G W Exeter	Yorkshire
Jas es W T R R 1 Albion	Ta worth	Mnor G D No 4 St Thomas	Yorkshire
Janes William K R R 2 Watford	Yorkshire	Mitchell J T Clarksburg	Yorkshire
Jas Chas C R R 1 Milton	Yorkshire	Moore Robert C Manilla	Yorkshire
Jenner Stanley Atherbury	Duroc Jersey	Morris J D Portmansburg	Yorkshire
John Howard I No 3 Seaforth	Yorkshire	Mount John D Mountsberg	Yorkshire
Jones Geo Th s J R R 1 Inkerman	Berkshire	Munro Ross D Lancaster	Yorkshire
Jones W N 2 Mount Igin	Yorkshire	Murdoch Wm J Palmerston	Chester White
K		Murphy George Otterville	Yorkshire
Kee M Crayville	Yorkshire	Murray A J R R 1 Acton	Yorkshire
Kee M J J R R 1 Bilton	Yorkshire	N	
Kee M D No 1 Newater	Yorkshire	Neelam George Lakenham	Yorkshire
Kelley J N R Woodville	Yorkshire	Neelam John D R R 4 Almonte	Yorkshire
Kell H Jack Lark	Chester White	Neelam W H Appleton	Yorkshire
Kelly W V Pen Brcks	Tamworth	Nelson C Duff R R 1 Scotland	Yorkshire
Kelley Anne R R 3 Cayuga	Yorkshire	Nelson W A No 1 Ayr	Yorkshire
Kelley Geo W No 1 Chatham	Yorkshire	Nell I W Woodstock	Yorkshire
Kirkness Anne R R 5 Mount Forest	Yorkshire	Netherott C Roy St Marys	Yorkshire
Knappp J S Galt	Yorkshire	Newhouse C F Moon M B	Yorkshire
Knight Wm & Son Mull	Yorkshire	Newman Chas Kempsville	Duroc Jersey
Kneeger Chas A Hanover	Yorkshire	Newman Harry Galtam	Yorkshire
Kneeger Henry No 2 Zurich	Yorkshire	Nims Hrow Kiney	Yorkshire
L		Nor (and) I No 3 Tilbury	Yorkshire
Lacey Fred Highland Creek	Ta worth		
Lake J Alfred I Gurnea	Chester White		
Lampert A I & Son Kent Beagle	Berkshire		
Lancaster R R 1 Amberbury	Duroc Jersey		
Lane J J R R 1 Strata Toronto	Yorkshire		
Lane Jm Wm W R R 1 Bell	Yorkshire		
Lanka Wm P R 2 Cornwall	Yorkshire		
Lanka W J Wm No 1 Colby St Toronto	Yorkshire		

Name and Address	Breed	Name and Address	Breed
O		O	
Odgen Allan Aylesworth		Smith A R No 3 Waterford	Tamworth
Oliver Walter Branchton		Smith Dave No 1 Alton	Yorkshire
O'Neill John R R 2 Priceville	(s)	Smith G L Meadowdale	Berkshire
Ontario Hospital Brockville	(s)	Smith John W Cottam	Duroc Jersey
Ontario Hospital Hamilton	Yorkshire	Smith R A No 2 Leamington	Yorkshire
Ontario Hospital Kingston	Yorkshire	Smith Thos & Son Utopia	Yorkshire
Ontario Hospital London	Yorkshire	Smith Walter H Brighton	Yorkshire
Ontario Hospital Whitby	Yorkshire	Smith Wm R & Sons No 1 Northwood	Yorkshire
Ontario Hospital Woodstock	Yorkshire	Snell Victor J H R R 1 Centralia	
Ontario Reformatory Guelph	Yorkshire	Snider Howard S Waterloo	Tamworth
Orton Gordon J R R 2 Coldwater	Yorkshire	Sneider W Emerson Zurich	
Ouderkerk P M & Son R R 2 Berwick	(s)	Snyder Allen Breslau	Yorkshire
Ouellette D A A R R 1 Amherstburg	Berkshire	Somers W B Freeman	Yorkshire
P		Spartan T L Wansted	Berkshire
Palmer B G Norwich		Spence J B & Son Northwood	
Pardo L A & Sons Charing Cross		Spence R G Ridgetown	Yorkshire
Park Horace Rainy River	Yorkshire	Spicer Jas Conn	Yorkshire
Patterson Norman B R R 1 Caledon a	Yorkshire	Stallbrass Wm Moffat	Yorkshire
Pattinson R K Lancaster	Yorkshire	Stark A Neilson Georgetown	Tamworth
Pattison L J No 2 Moorfield	Yorkshire	Starr Fred & Son No 2 Wallenstein	Yorkshire
Payne W H No 1 Little Britain	Yorkshire	Stebbs Cecil R R 1 Wheatley	Yorkshire
Peers Clair Woodstock	Yorkshire	Steele John No 2 Kitchener	Yorkshire
Perschbacher Wm W Midway	Yorkshire	Stephenson John Thedford	Tamworth
Pfeffer Jacob No 3 Elmwood	Yorkshire	Stevenson John Merlin	Duroc Jersey
Pinkerton William R R 1 Cooksville	Yorkshire	Stewart Mrs Dumas W Appleton	Yorkshire
Playfair W A Fallbrook	Tamworth	Stewart Harry & Sons St Paul Station	Tamworth
Poland John Bridgton	Yorkshire	Stewart J D Cornish	Berkshire
Pollard J Norwich		Stewart Lorne R R 4 Lanark	
Porter W H 44 Windsor Avenue London		Stewart W A & Sons No 3 Chatham	Chester White
Puffer Andrew & Sons Morganston	Yorkshire	Stinson Luke R	Berkshire
Q		Stiver J B Unionville	Yorkshire
Quilty P J, Ashda 1	Berkshire	Stock C J Woodstock	Yorkshire
R		Stoltz Edmer S R R 1 Ayr	
Rae Wesley H R R 3 Almonte	Tamworth	Stone Alfred Amprior	
Raithby Jas R R 1 Auburn	Yorkshire	Storie Alfred Amprior	
Rath Charles Mossley	Tamworth	Storry Edgar No 3 Slouffville	Yorkshire
Rathwell Sam J R R 1 Dobbinton		Stothart John Priceville	
Rawling Ralph Cottam		Streicher Chris S Wellesley	
Rea Jas A No 3 Walton		Strickler Daniel J Woodstock	
Recker Henry C Wheatley		Strong W J Belle River	Poland China
Reid Arch No 1 Erin	Yorkshire	Struthers Wilbert No 2 Atwood	
Reid Bruce Northwood		Stuart M C No 4 Turnerville	Yorkshire
Reid John R Almonte		SUFFERN WILLIAM A. & SONS Utterson	
Rennie W G Agincourt	Yorkshire	Sullivan Denis L No 1 Hilldale Station	
Rennie Wm & Co Agincourt	Yorkshire	Sutherland Angus R R 1 Eganville	(c) Yorkshire
Richardson A Craighurst	Berkshire	Sutherland E Bradford	Yorkshire
Richardson Harry Harrow	Poland China	Sutton Samuel M Cawley	Yorkshire
Richardson Roy G No 1 Amherstburg		Swackhamer C H Acton	
Riley Edson Staples		T	
Robb J C Elderton	Yorkshire	Talbot Edward Corbetton	Tamworth
Robertson Walter Monkland	Yorkshire	Taylor Fred Warton	Duroc Jersey
Robinson R F Leamington	Duroc Jersey	Taylor R Wm Glasgow Station	
Robinson Robt J Westmeath		Templar R Burford	
Robinson Thos R R 2 Ancaster	Yorkshire	Templeton R A No 1 Electric	Berkshire
Robinson Thos R R 2 Ancaster	Yorkshire	Therrien Paul Curran	Yorkshire
Rodgers William R R 1 Cameron	Yorkshire	Thom Alex Renfrew	Large Black
Rogers Russell Kingsville	Chester White	Thompson J Jerseyville	Yorkshire
Rogers Wm No 3 Madoc	Tamworth	Thompson N F Wexford	Chester White
Rolson L N Sparta	Berkshire	Thompson Adam R R 1 Stratford	Berkshire
Ross H W No 2 Frankford		Thornburn Harry W Unithoff	Yorkshire
Ross F F R R 1 Kilmarnock		Thorne F J York	Yorkshire
Ross H D Cottam		Thurston R E Hobeysgon	(c) Yorkshire
Rosow W S Manowick Station	Berkshire	Todd J W Cornish	Tamworth
Rudd R R & Son R R 2 Guelph		Trahan H R R 2 Chatham	
Russell Wilfrid No 1 Charing Cross	Yorkshire	Tryon Frank Sharbot Lake	Duroc Jersey
Rutherford E A R R 2 Castleton	Yorkshire	Turner A D & Sons No 2 Sheddin	Yorkshire
Rutherford F M Bonarville	(c) Yorkshire	Tweedale Theo Essex	(c) Duroc Jersey
Rutherford R R R 2 Bolton	Yorkshire	U	
Ruttledge Wm J R R 1 Hylia	Yorkshire	Ulrich Joseph Pownassan	Poland China
S		V	
Sadler J W Mossley	Yorkshire	Vanderhoof E Westport	Duroc Jersey
St Louis Herman Essex	Chester White	Varey M J Moss Mills	Chester White
Sargeant Robert No 2 Maberly	Yorkshire	Varey M J Orangeville	Chester White
Scott Frank A Tottenham	Yorkshire	Vernon Chas No 2 Mossley	Berkshire
Scott R J & T L Cornsary		Vernon F W R R 5 Stratford	
Scott W G R R 4 Acton	Berkshire	W	
Seon J F & Son R R 2 Calton Centre	Tamworth	Walker Jos No 2 Wardville	Yorkshire
Shane Lance Peniston	Berkshire	Walker Smith Newburgh	Yorkshire
Shantz Titus Kitchener	Yorkshire	Walker John Woodville	Berkshire
Shantz Wm Bell R R 2 Kitchener	Yorkshire	Walker Wm A Ayr	Berkshire
Shank Wm Leslie Nashville	Tamworth	Warnock Chas Tilbury	Duroc Jersey
Shapiro Bm B Wilton Cove	Yorkshire	Watson David R Lansdowne	Yorkshire
Shel H E Paquette Station		Watson Wellington R R 1 Wrenning	Yorkshire
Shelley J O an Almonte	(s)	Way Tom Sarnia	Yorkshire
Shirley Creek Farm Co The Runcombe	Large Black	Webster Hwa Glenora	Poland China
Simmons J C Wrenster	Berkshire	Webster J E Chatham	Yorkshire
Sim J H Chatham	Yorkshire	Weid William & Co Ltd The London	Yorkshire
Sloman H Ward Kempton	Yorkshire	Wicks and G Arthur No 1 St Catharines	Yorkshire
		Wilson H G Cawley	Yorkshire
		Wesley Carman M. Acton	Chester White

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Name and Address	Breed	Name and Address	Breed
O		O	
Odgers Allan Aylesworth		Smith A R No 3 Waterford	Tamworth
Oliver Walter Brantford		Smith Dave No 1 Alton	Yorkshire
O'Neill John R R 2 Priceville	(s) Yorksh re	Smith G L Meadowsdale	(s) Berkshire
Ontario Hospital Brockville		Smith John W Cottam	Duroc Jersey
Ontario Hospital Hamilton		Smith R A No 2 Leamington	
		Smith Thos & Son Utopia	Yorkshire
Ontario Hospital Kingston	Yorkshire	Smith Walter H Brighton	(h) Yorkshire
Ontario Hospital London	Yorkshire	Smith Wm R & Sons No 1 Northwood	
Ontario Hospital Whitby	Yorkshire	Smith Victor J H R R 1 Central a	
Ontario Hospital Woodstock	Yorkshire	Snider Howard S Waterloo	Tamworth
Ontario Reformatory Guelph	Yorkshire	Solder W Emerson Zurich	
Orton Gordon J R R 2 Coldwater	Yorkshire	Snyder Allen Hreslau	Yorkshire
Ouellette P M & Son R R 2 Berwick	(c) Yorkshire	Somerset W B Freeman	Yorkshire
Ouellette D & A R R 1 Amherstburg	(s) Berkshire	Sparling T L Wanstead	Yorkshire
		Spencer B & Son Northwood	Berkshire
		Spence R G Ridgetown	
		Spicer Jas Conn	Yorkshire
		Stall brass Wm Moffat	Yorkshire
		Stark A Neilson Georgetown	(s) Tamworth
		Starr Fred & Son No 2 Wallenstein	Yorkshire
		Stebbs Cecil R R 1 Wheatley	Yorkshire
		Steele John No 2 Kitchener	Yorkshire
		Stephenson John Thedford	Tamworth
		Stevenson John Merlin	Duroc Jersey
		Stewart Mrs Duncan W Appleton	(s) Yorksh re
		Stewart Harry & Sons St Paul's Station	Yorkshire
		Stewart J D Cornub	Tamworth
		Stewart Lorne R R 4 Lanark	Berkshire
		Stewart W A & Sons No 3 Chatham	
		Stinson Luke Dresden	Chester White
		Silver J L B Unionville	Berkshire
		Stock C J Woodstock	Yorkshire
		Stoltz Elmer S R R 1 Ayr	Yorkshire
		Stone Alfred Amprior	
		Storrie Alfred Amprior	
		Storey Edgar No 3 Stouffville	
		Stothart John Priceville	Yorkshire
		Strecher Chris S Wellieslev	
		Strickler Daniel J Woodstock	
		Strong W J Belle River	Poland China
		Streuthers Wilbert No 2 Atwood	
		Stuart M C No 2 Turnerville	
		SUFFERIN WILLIAM A & SONS Uttersen	Yorkshire
		Sullivan Dennis L No 1 Ballaloe Station	
		Sutherland Angus R R 1 Eganville	(c) Yorkshire
		Sutherland F Bradford	Yorkshire
		Sutton Samuel Mckiburg	Yorksh re
		Swackhamer C B Acton	Yorkshire
P		T	
Paine B G Norwich		Talbot Edward Corbetton	Tamworth
Pardo L A & Sons, Charing Cross		Taylor Fred Warton	Duroc Jersey
Park Horace Rainy River	Yorkshire	Taylor R Wm Glasgow Station	
Patterson Norman B R R 1 Caledonia	Yorkshire	Templar R Burford	
Pattinagle R K Lancaster	Yorksh re	Templeton R A No 1 Electric	
Pattison J J No 3 Moorefield	Yorkshire	Therrien Paul Curran	Berkshire
Payne W H No 1 Little Brista n	Yorkshire	Thom Alex Renfrew	Yorkshire
Peet H Clarendon	Yorkshire	Thompson J Jerseyville	Large Black
Perschbacher Wm W Midway	Yorkshire	Thompson N F Westford	Yorkshire
Pfeffer Jacob No 3 Elmwood	Yorksh re	Thompson Will am McKellar	Chester White
Pinkens William & Sons R R 1 Cooksville	Yorksh re	Thomson Adam R R 1 Stratford	(s) Berkshire
Playfair W A Fallbrook	Tamworth	Thorburn Harry W Uthoff	Yorkshire
Polland John Bruden	Yorkshire	Thorne J	Yorkshire
Pollard J Norwich		Thurston R E Hobcageon	(c) Yorkshire
Porter W H 41 Windsor Avenue London		Todd J W Corinth	Tamworth
Puffer Andrew & Sons Morganston	Yorksh re	Trahan H R R 7 Chatham	
		Tryon Frank Sharbot Lake	Duroc Jersey
		Turner A D & Sons No 2 Shedden	Yorkshire
		Tweedale Thos Essex	(c) Duroc Jersey
Q		U	
Quilty P J Ashlad	Berkshire	Ulrick Joseph Powassan	Poland China
R		V	
Rae Wesley H R R 3 Almonte	Tamworth	Vanderhoof E Westport	Duroc Jersey
Rathby Jas R R 1 Auburn	Yorkshire	Varey M J Moss Mills	Chester White
Rath Charles Mossley	Tamworth	Varey M J Orangeville	Chester White
Rathwell Sam J R R 1 Dobbinston		Vernon Chas No 2 Masley	
Rawlin Ralph Cottam		Vernon F W R R 5 Stratford	Berkshire
Rea Jas A No 3 Walton			
Recker Henry C Wheatley			
Reid Arch No 1 Erin	Yorksh re		
Reid Bruce Northwood			
Reid John R Almonte			
Rennie W G Agincourt	Yorkshire		
Rennie Wm & Co Agincourt	Yorkshire		
Richardson A Craighurst	Berkshire		
Richardson Harry Harrow	Poland China		
Richardson Roy C No 1 Amherstburg			
Riley Edson Staples			
Robb J C Hilderston	Yorkshire		
Robertson Walter Monkland	Yorkshire		
Robinson R F Leamington	Duroc Jersey		
Robinson Robt J Westmeath			
Robinson Thos R R 2 Ancaster	Yorkshire		
Robinson Thos R R 2 Ancaster	Yorkshire		
Rogers William R R 1 Cameron			
Rogers Russell Kingsville	Chester White		
Rolfs Wm No 3 Madoc			
Rolson L M Sparks	Tamworth		
Rose H W No 2 Frankford			
Ross F F R R 1 Ninburn	Berksh re		
Ross K D Cottam			
Rosowat W S Manowick Station			
Rudd R R & Son R R 2 Guelph	Berkshire		
Russell Wilfrid No 1 Charing Cross			
Rutherford E A R R 2 Castleton	Yorkshire		
Rutherford F M Monarlaw	(c) Yorkshire		
Rutherford R J R R 2 Bolton	Yorkshire		
Rutledge Wm J R R 1 Hybla	Yorkshire		
S		W	
Sadler J W Mwalen	Yorkshire	Walker Joe No 2 Wainville	Yorkshire
Saunders Herman Essex	Chester White	Walker Smith Newburgh	Yorkshire
Sargant Robert No 2 Maberly	Yorkshire	Wallace John Woodville	Berkshire
Scott Frank A Tottenham	Yorkshire	Wallace Wm A Barr	Yorkshire
Scott J A T L Cromarty		Warlock Chas Tisbury	(c) Duroc Jersey
Scott W G R R 1 Acton	Berkshire	Warren Harold B Lonsdowne	Yorkshire
Scott J A & Son R R 2 Calisto Centre	Tamworth	Watson Wellington K K 1 Wrenning	Yorkshire
Shane Lance Ironton	Berkshire	Way Tom Sarsfield No 1	Yorkshire
Shantz Titus Kitchener	Yorkshire	Webster Hwa Glenora	(s) Yorkshire
Shantz Wm & Son R R 4 Kitchener	Yorkshire	Weldon J E Chatham	Yorkshire
Shantz Wm & Son R R 4 Kitchener	Tamworth	Weld W Aitch & Co Ltd The London	Yorkshire
Shaw J W No 2 Wilton	Yorksh re	Weldon J A & Son No 1 St Catharines	Yorkshire
Shel H J Laquette Station		Weldon H G Can ton	Yorkshire
Shel F O Van Alburton		Wesley Carman Mckean	Chester
Silver Creek Farm Co The Runcombe			
Simmons J G No 1 Kitchener	Large Black		
Sim J P Owen	Berkshire		
Sim H Wark Kemptville	Yorksh re		

Name and Address	Breed	Name and Address	Breed
Wesley William J. Thornhill		Workman John C. Essex	
Wettlaufer Jas., No 3 New Hamburg	Yorkshire	Wright George B., Wheatley	(c) Berkshire
Whalen Wilfred Centerville	Tamworth	Wright James P. Englehart	Yorkshire
Wharton Harry Peyton	Chester White	Wright W E & Son Glanworth	(a) Tamworth
White D M & E J., Amherstburg		Wright W F Junr Glanworth	Chester White
White H., Port Rowan	Duroc Jersey	Wyatt Lawrence Strathroy	Berkshire
White Thos., No 2 Scaples			
Wilkinson George A. Alliston	Yorkshire		
Wilkinson Heber Alliston	Yorkshire	Y	
Williams George Queensville	Yorkshire	Young Edward Corton	
Williams J. Wesley Thornhill		Young James Charing Cross	Chester White
Williams Wm., No 1 Schomberg		Young J H 18 Toronto St Toronto	Tamworth
Wall S. Ralph Gormley	Yorkshire		Yorksh re
Williscatt W H Rainy River		Z	
Wilson Clara Milton	Yorkshire	Ziegler Moses No 1 Southampton	
Wood Irvine Croton	Berkshire		
Woods R M Bradford	Yorkshire		

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A			
Agricultural College The Ontario Guelph	(est)	Boshart Peter R R 1 Mulverton	Clydesdale
Atkinson Jot n Stratford		Botsford Colin Auld	Shire
Atkinson W S Horley		Boucock Alfred Laug ns	Clydesdale
Alether Hall Stoc E M RR 1 Ottawa		Bousfield Wray R R 1 Jarvis	Thoroughbred
Allen Ben Dunlop P O Huron Co		Bovard James Brampton	Clydesdale
Allen Geo Burford		Boyle Bros Holyday	Clydesdale
Altingha 1 Rnd RR 1 Newton		Boynton William Gormley	Clydesdale
Alsop Joseph R R 1 Goodwood		Brandon Bros 1 crest	Clydesdale
		BRANT, JOHN W. 68 Queen Street, Ottawa	Standard
		Branton Alfred J Rodney	Hackney
			Shire
Anderson George M RR 2 Guelph		Breckon John Appleby	Shire
Anderson R J Winchester		Brillinger J Richmond Hall	Clydesdale
Anderson R W New Hamburg		Bright John Ottawa	Hackney
Annett George A Oil City		Brodie Wm A 5 Adnral Roal Toronto	Thoroughbred
Apperley I B Cookstown		Brooks L W Stirling	Hackney
Armstrong Bros Locust H B		Brown George Molanorth	Shire
Armstrong John D RR 1 Stayner		Brown L A R R 3 Fergus	Clydesdale
Armstrong Leslie H RR 1 Unionville		Brown Robt J Seagrave	Clydesdale
Armstrong Robert R R 1 Stayner		Brush Bros Cedar Springs	Hackney
Akin Norman North Malden		Bue Angus Stayner	(c) Clydesdale
Atkinson W H Fort Elgin		Bull L J C Brampton	Shire
Aull A G R R 1 Guelph			Shire
		Buller Jonathan Ridgetown	Clydesdale
		Burgess Wellington Norwood	Standard
		Burns C A 88 Unversity Avenue Toronto	Standard
		Burns John J 393 Berkley Street Toronto	Standard
		Burr Chas Lambton	Shire
		Burr J F Waubun	Shire
		Burr Thos Bridgen	Shire
		Burrell F Brampton	Hackney
		Butler W F Ingersoll	
B			
Baker Alfred Enderley			
Bailey William O'Spr n s	(c)	Callen ler Jas North Gower	Sh re
Baker A M Rimwood		Campbell A B Berlin	Hackney
Baker Will T Hampton		Campbell Bros R R 2 Alvinston	Clydesdale
Baldock Albert Malton		Campbell D A Brantford	Thoroughbred
Baldwin Charles H Hsiburgh		Canada an Racing Ass , Imperial Bank Bds , Toronto	Thoroughbred
Baldwin G A Canboro		Canahan I H Box 114 Meaford	Clydesdale
Baldwin J I R R 1 Markham		Carroll E M Carls Kitz Hotel Toronto	Sh re
Barnes Wm Samia		Carson S Claxton	Sh re
Barnet T F Kenora		Carson T A Kingston	Clydesdale
Barnhardt H H R R 2 Oro Station		Castnairs Robert R R 1 Fenella	Thoroughbred
Barnett Arch Bldg R R 2 Park Hl	(c)	Caspi R C 203 Wng Street East Toronto	Thoroughbred
Barnett Charles J Park Hl		Cass Allen 42 Warren Road Toronto	(b) Irish
Barron Thos Wall rd		Catherwood George Hsiburgh	Clydesdale
Barron Thomas 700 Remborsgh Street Toronto		Catton L C R R 2 Brampton	Shire
Batchey Samuel Proton Station		Charlton S F Springall	Shire
Bate T C Central Chambers Ottawa		Chester R C Hespeler	Thoroughbred
Bate Hroa Oakville		Christenson Chas J Huntville	(s) Clydesdale
Battley Wesley R R 1 Plattsville		Christie Grant Manchester	Clydesdale
Batty W I R R 1 Brooklyn	(s)	Christie Peter Manchester	Thoroughbred
		Clancy J B Guelph	Hackney
			Sh re
Bawlen & M Dwell 1 Ester		Clark Alexander Dutton	Clydesdale
Bawn on & Moss p St Marys		Clark C J R R 2 Meaford	Shire
Bean J A Winchester		Clark Joseph Ravenshoe	Shire
Beane Hyeron R R 3 Windsor		Clarkson Willam Hight eld	Clydesdale
Beattie W R R R 2 Eora		Clayton Geo & Son Grand Valley	Thoroughbred
Beith R At Kownsmville		Cleland W B 68 Arkfield Avenue Hamilton	Clydesdale
Bennett Jas W Lake View			Standard
Berrie T J Hensla		Cleland W B Troy	Clydesdale
Bersoff E Loxeville		Clemens Percy P R R 2 St George	Standard
Berlow A J Guelph		Cloverton Richard R R 2 Markham	Clydesdale
Brown Craton J Mulgrave		Collins W A Brampton	Standard
Black H D Dutton		Colquhoun Fred Box 104 Mchell	Clydesdale
Black R Rert R R 3 Fergus		Colquhoun Wm M t bill	Clydesdale
Black W am Seed sora		Colson Thomas R R 1 Hylth	Clydesdale
Blackburn Wm Brantford			
Blain C A D R R 3 Tavistock			
Blake Joseph Clinton	(sp)		
Black C A M R R 1 Guelph			
Black M to Hsiburgh			
Black J M A Wm Queenstn			
Black Henry Brampton			

Name and Address	Breed	Name and Address	Breed
Wesley Will am J Thornhill		Workman John C Essex	
Wettlauf r Jno No 3 New Hamburg	Yorkshire	Wright George B Wheatley	(f) Berkshire
Whalen Wilfred Centreville	Tamworth	Wright James P Englehart	(s) Yorkshire
Wharton Harry P Clinton	Chester White	Wright W E & Son Glanworth	Chester White
White D M & E J Amherstburg			
White H Port Rowan	Duroc Jersey	Wright W F Junr Glanworth	Berkshire
White Thos No 7 Staples		Wyatt Lawrence Strathroy	
Whitson George A Alliston	Yorkshire		
Whitson Heber Alliston	Yorkshire		
Williams George Queensville	Yorkshire		
Williams J Wesley Thornhill			
Williams Wm No 1 Schomberg			
Williams Ralph Gormley	Yorkshire		
Willcraft W H Rany River			
Wilson Clara Milton	Yorkshire		
Wood Irvine Croton	Berkshire		
Wood R M Bradford	Yorkshire		

Horse Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Comfort, Frank Sheddin	Shire	Foster Bros. Hyndford	Shire
Connaught Park Jockey Club 196 Sparks Ottawa	Thoroughbred	Francis J. A. Pakenham	Clydesdale-Standard
Connor, Matthew, Aylmer	Shire	Fryer A. J. Lawrence Station	Shire
Cooke, Fred B. F. F. F.	Clydesdale		
Cooke, L. L. c/o Don non Li e Stock Comm ss oner Ottawa	Clydesdale		
Corbett, William L. & Sons R.R. 2 Ailsa Craig	(r) Clydesdale		
Corp. Wilfred R.R. 6 Woodstock	Clydesdale		
Corp. George H. & Son, Fairchild East	Shire		
Cosby, C. E. Union	Shire		
Coulter Bros. Port Jerry	Clydesdale		
Coulter, John W. R.R. 2 St. Thomas	(sp) Hackney		
Courtney, A. C. & Son Pickering	Clydesdale		
Coutts, Donald D. R.R. 6 Bradford	Clydesdale		
Coutts, D. D. Addington	Hackney		
Cowan, Alex. R.R. 1 Donalda	Clydesdale		
Cowen, R. W. R. York Road Toronto	Thoroughbred		
Cowen, J. B. & Sons Queensville	Thoroughbred		
Cox, H. C. 46 King Street W. Toronto	Thoroughbred		
Cox, Herbert R.R. 5 Waterloo	Clydesdale		
Cox, Oscar R. R. 1 Unkunsville	(p) Hackney		
Cox, Estate of T. A. Brantford	Shire		
Coyle, Patrick Auld	Shire		
Crawford, A. G. Eno	Percheron		
Crawford Bros. R.R. 1 Agincourt	Clydesdale		
Creech, Jos. Lambton Mills	Hackney		
Cree, C. A. R.R. 2 Scarborough	Thoroughbred		
Creswell, J. D. R.R. 1 Arthur	Clydesdale		
Cresson, Frank R.R. 2 Arthur	Clydesdale		
Crossen, W. R. Cobourg	Standard		
Crow, T. A. 140 E. Main Avenue Toronto	Thoroughbred		
Crowe, W. Ham. Cannan ore	Clydesdale		
Cruickshank, James R.R. 1 Linn	Clydesdale		
Culham, Nelson R.R. 5 Galt	Clydesdale		
Cunningham, A. 312 Delaware Avenue Toronto	Standard		
Cunn, S. M. hael Burnley	Clydesdale		
Curran, J. W. 384 Crawford Street Toronto	Standard		
Cushing, Jas. Ponsonby	Shire		
D			
Dale & Dalz, el. King	Thoroughbred		
Darling, John Bradford	Clydesdale		
Davidson, Geo. & Son Cherrywood	Clydesdale		
Davidson, Robert C. Markham	Clydesdale		
Davidson, W. L. Meadowdale	Clydesdale		
Davies, Geo. Broadview Avenue Toronto	Thoroughbred		
Davies, R. W. 2 Dunvegan Road Toronto	Thoroughbred		
Davies, R. W. 2 Dunvegan Road Toronto	Hackney		
Decher, John Junr. R.R. 3 Zurich	Standard		
Denn, James A. 105 MacDonnell Street, Toronto	Clydesdale		
Dickson, W. Angus R.R. 1 Attwood	Clydesdale		
Dixon, J. J. 211 Toronto Gen. Trusts Bldg. Toronto	Thoroughbred		
Dixie, Jos. H. 30 Isabella Street Toronto	Ha Kney		
Doherty, Hugh Scarborough Junction	Thoroughbred		
Doherty, W. M. Malton	Clydesdale		
Dolson, A. J. Chatham	Shire		
Don Alda Farms, The Fred. Glen	(sp) Clydesdale		
Dougherty, John Stouren	Shire		
Downer, Austin & Son	Clydesdale		
Drury, Frank Charing Cross	Shire		
Drury, Robt. Charing Cross	Shire		
Duff, Robert Myrtle Station	(s) Clydesdale		
Dunne, S. J. St. Mary's	Shire		
Dymott, S. A. & I. 212 King Street W. Toronto	Thoroughbred		
E			
Eager, Charles Presque Isle	Clydesdale		
Easterbrook, Frank Cornwallis	Thoroughbred		
Eaton, Hallam Eaton Hall, Verses	(f) Percheron		
Ellet, Thomas Earl Hill	Standard		
Ellis, C. B. Brookwood Farm, West in Brook	Ha Kney		
	Thoroughbred		
Ellis, J. C. Glenora	Clydesdale		
Ellis, J. R. R.R. 3 Blyth	Clydesdale		
Emerson, M. Laughlin Att. rifle Station	Shire		
Ewart, W. J. Laurence Station	Shire		
Experimental Farm, Director, Ottawa	(f) Percheron		
	Clydesdale		
F			
Faulkner, H. K. Newwood	Standard		
Ferguson, Donald & Sons R.R. 6, St. Thomas	Shire		
Ferguson, C. J. Salford	Shire		
Ferguson, Peter R.R. 6 Watford	Clydesdale		
Ferguson, W. D. T. Salford	Ha Kney		
Ferguson, W. L. & Son Galt	Shire		
Findlay, J. H. R.R. 2 9 Arnprior	Standard		
Finnegan, John St. Thomas	Shire		
Fitzgerald, J. M. St. Thomas	Ha Kney		
Fitzgerald, J. M. St. Thomas	Shire		
Fitzgerald, J. M. St. Thomas	Thoroughbred		
Fitzgerald, J. M. St. Thomas	Shire		
Fitzgerald, J. M. St. Thomas	Ha Kney		
Fitzgerald, J. M. St. Thomas	Clydesdale		
Foster Bros. Hyndford	Shire		
Francis J. A. Pakenham	Clydesdale-Standard		
Fryer A. J. Lawrence Station	Shire		
G			
Galbraith Bros. Orangeville	Shire		
Galloway, Jas. W. Court right	Shire		
Garbutt, Fred Malton	Clydesdale		
Garbutt, W. H. Dutton	Shire		
Gardhouse, C. S. Humber	Shire		
Gardhouse, H. A. Highfield	Shire		
Gardhouse, J. W. Weston	(s) Shire		
	Hackney		
Gardhouse, John & Sons Highfield	Shire		
Gardhouse, John & Sons Weston	(s) Hackney		
Garry, N. J. E. c/o W. A. M. Culloch 900 Queen Street West Toronto	Standard		
Cear, Bros. London	Shire		
Gibson, T. G. & R. Denfield	Clydesdale		
Giddings, Harry Oakville	Thoroughbred		
Giffin, I. Rector R.R. 2 Brookville	Standard		
Gilchrist, Charles Mount Forest	Thoroughbred		
Glasco, E. 27 Sandw. ch Street W. Windsor	Thoroughbred		
Gleeson, J. J. 194 Clarence Street Ottawa	Thoroughbred		
Glover, W. F. J. ngal	Shire		
GOOD CAPT. THOMAS, Nepean, Richmond	Clydesdale		
Goodfellow Bros. R.R. 3 Bolton	(f) Clydesdale		
Good, son Thos. Bellamy	Shire		
Good, son W. T. Sarnia	(s) Standard		
Gooden, Arthur Chatham	Clydesdale		
Gooden, A. C. Chatham	Clydesdale		
Gott, Forbes Epping	Clydesdale		
Coulton, John Humber	Shire		
Could, J. P. Markham	Clydesdale		
Crahan, R. Clarendon	Clydesdale		
Crahan, Robert Prince George Hotel Toronto	Hackney		
	Clydesdale		
Crahan, T. A. Clarendon	Clydesdale		
Crahan, William Clarendon	Clydesdale		
Gray, Joseph & Willam R.R. 1 Blyth	Standard		
Green, F. T. Stoney Creek	Thoroughbred		
Greenwood, John 1196 Queen Street East Toronto	Clydesdale		
Grieve, James O. Rosneath	Clydesdale		
Grieve, W. H. am. Cred ton	Clydesdale		
Griffith, W. L. Havelock	Clydesdale		
Groat, W. M. Box 113 Mt. Forest	(s) Clydesdale		
Groch, W. H. Stratford	Standard		
H			
Haas Bros. R.R. 1 Paris	Percheron		
Hagarty, Michael Bornholm	Clydesdale		
Hahn, Henry Linwood	Clydesdale		
Haley, Ernest R.R. 1 Princeton	Clydesdale		
Hall, Thomas Brooklin	Clydesdale		
Hall, Victor R.R. 6 Hornby	Clydesdale		
Hallett, W. J. W. th	Clydesdale		
Hanbly, Arthur Kleinburg	Shire		
Hanbly, Henry Kleinburg	Shire		
Hanilton, Jockey Club Han. ton	Shire		
Hans, all Wn. 51 Indian Grove Toronto	Thoroughbred		
Hardy, Arthur C. Brooks, Ille	Ha Kney		
	Clydesdale		
Hardy, Thos. L. Des. zes	Shire		
Harris Bros. Brech. n	Clydesdale		
Harrison, Walter 35, Rupperd Avenue Toronto	Thoroughbred		
Harrison, David R.R. 1 Newton	Clydesdale		
Hassard, E. J. Weston	Clydesdale		
Hassard, J. K. Markham	Clydesdale		
Hassard, T. H. Markham	Shire		
Hassard, Dr. T. H. 18 Sylvan Avenue Toronto	Clydesdale		
	Standard		
Hassard, W. Weston	Shire		
Hawthorn, Alex. R.R. 1 Colburn	Clydesdale		
Henderson, Chas. Marshville	Shire		
Henderson, J. H. Amherst	Clydesdale		
Henderson, John R.R. 2 Lakewood	Clydesdale		
Henderson, Thomas (Leicester)	Standard		
Henderson, W. M. 46 Cannon Street East Han. ton	Thoroughbred		
Henderson, W. M. 46 Cannon Street East Han. ton	Thoroughbred		
Henry, William B. Hamilton	Shire		
Henry, Thos. Brookfield	Shire		
Henry, R. B. Keweenaw	Percheron		
Henry, August Hopley	Shire		
Hernad, F. J. Salford	Clydesdale		
Herrington, Thomas J. Peterborough	Shire		
Hewson, Albert Malton	Clydesdale		
Hibbert, C. A. Clarendon	Clydesdale		
Hill, James S. Fairbairn	Clydesdale		
Hill, R. R. 117 Ferguson	Clydesdale		
Hill, W. C. 1800 Queen Street W.	Clydesdale		
Hill, J. J. R.R. 3 Galt	Percheron		
Hillman, A. red, Oakville	Clydesdale		
Holmes, W. H. Oakville	Percheron		
Hoppe, William C. R.R. 1 Sarnia Ill.	Clydesdale		

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A			
Agricultural College The Ontario Guelph	(est) Clydesdale	Boshart Peter R R 1 M Iverson	Clydesdale
Aitkinson John Stratford	Percheron	Botsford Colin Auld	Shire
Alkerson W S Hornby	Clydesdale	Boock Alfred Laus ng	Clydesdale
Alester Hall Stock Farm R R 1 Ottawa	Thoroughbred	Boust eld Wras R K 1 Jarvis	Clydesdale
Allen Ben Dundas P O Huron Co	Standard	Evward James Brampton	Thoroughbred
Allen Geo Hurford	Clydesdale	Boyle Bros Holyrood	Clydesdale
Altingham Reid R R 1 Newton	Shire	Boynton William Gormley	Clydesdale
Alsop Joseph R R 1 Goodwood	Clydesdale	Brandon Bros Forest	Clydesdale
	Hackney	BRANT, JOHN W. - 88 Queen Street, Ottawa	Standard
	Clydesdale	Branton Alfred J Rodney	Hackney
Anderson George M R R 2 Guelph	Clydesdale		Shire
Anderson R J Winchester	Hackney	Breckon John Appleby	Shire
Anderson R W New Hamburg	Standard	Brüllinger J Richm and Hill	Clydesdale
Annett George A Oak City	Clydesdale	Bright John Ottawa	Hackney
Appleyell H Cookstown	Shire	Brodie Wm 4 5 Adair Road Toronto	Thoroughbred
Armstrong Bros Lovest H II	Clydesdale	Brooks I W String	Hackney
Armstrong John D R R 1 Stayner	Clydesdale	Brown George Moleworth	Shire
Armstrong Leslie H R R 1 Unionville	Clydesdale	Brown L A R R 3 Fergus	Clydesdale
Armstrong Robert R R 1 Stayner	Clydesdale	Brown Robt J Seagrave	Clydesdale
Atkin Norman North Malton	Percheron	Brush Bros Cedar Springs	Shire
Atkin W H Port Elgin	Clydesdale	Bue Angus Stayner	Hackney
Auld A G R R 2 Guelph	Clydesdale	Dull L J C Brantton	(c) Clydesdale
			Shire
B		Buller Jonathan Ridgetown	Shire
Baze Alfred Federley	(d) Clydesdale	Burgess Wellington Norwood	Clydesdale
Bayley William O1 Spring	Clydesdale	Burns C A 84 University Avenue Toronto	Standard
Baker A M Kingwood	Clydesdale	Burns John J 391 Herkley Street Toronto	Standard
Baker Wm T Hampton	Shire	Burr Chas Lambton	Shire
Baldwin Albert Hinton	Clydesdale	Burr J F Warburton	Shire
Baldwin Charles H Hingham	Clydesdale	Burr Thos Bruden	Shire
Baldwin C A Canboro	Shire	Burrell I Brampton	Shire
Baldwin J R R 1 Markham	Clydesdale	Butler W F Ingersoll	Hackney
Barnes Wm Sarnia	Shire		
Barnett T E Renfrew	Standard	C	
Barnhart H R R 2 Oro Station	Clydesdale	Callender Jas North Gower	Shire
Barrett Arch Esd W R R 3 Park H II	Clydesdale	Campbell A B Berlin	Hackney
Barrett Charles Jark H II	Standard	Campbell Bros R R 7 Alvinston	Clydesdale
Baron Thos Watford	Clydesdale	Campbell D A Brantton	Thoroughbred
Barstow Thos as 78 Roxborough Street Toronto	Standard	Canad an Racing Ass Imperial Bank Bldgs Toronto	Clydesdale
Battlefield Samuell Brockton Station	Clydesdale	Carmanah E H Box 114 Meaford	Clydesdale
Bate T C Central Chambers Ottawa	Thoroughbred	Carroll I M Carls Ritz Hotel Toronto	Shire
Bate Hiram Oakville	Thoroughbred	Carson S Clachan	Hackney
Battley Wesley R R 1 Plattsville	Standard	Carson T A Kingston	Clydesdale
Batty W L R R 1 Brooklin	(f) Hackney	Carstairs Robert R R 1 Fenella	Clydesdale
	Clydesdale	Casli R C 283 King Street East Toronto	Clydesdale
	Shire	Case Allen 4 Warren Road Toronto	Thoroughbred
Bawlen & M Duell Exeter	Shire	Cathwood George Uxbridge	Clydesdale
Baxenden & Mounst St Marys	Shire	Castle L C R R 2 Brampton	Shire
Bean J A Winchester	Standard	Charlton S I Springfield	Shire
Beare Revere R R 3 Labarge	Clydesdale	Chester K C Hespler	Percheron
Beattie W R R R 3 Elora	Clydesdale	Christensen Chas J Huntsville	Hackney
Beth R R 1 Bowmanville	Hackney	Christie Grant Manchester	Clydesdale
Bernett Jas W Lake View	Shire	Christie Jeter Manchester	Thoroughbred
Berry T J Hensall	Shire	Clancey J B Guelph	Hackney
Bessell J Hensall	Clydesdale		
Bickson A J Toronto	Clydesdale	Clark Alexander Dutton	Clydesdale
Bisset Craten J. Meaford	Clydesdale	Clark C F R R 2 Meaford	Shire
Black H D Dutton	Shire	Clark Joseph Ravenshoe	Shire
Black Robert R R 3 Fergus	Clydesdale	Clarkson Wm am High eld	Shire
Black William Sault Ste Marie	Clydesdale	Clayton C M 80 Grand Valley	Thoroughbred
Blackburn Wm Brantford	Hackney	Clelan W B 64 Arkleton Avenue Hamilton	Clydesdale
Blain C M R R 3 Tavistock	Clydesdale		
Blake J Earl Clinton	Shire	Clelan W B Troy	Clydesdale
Blair C M R R 3 Guelph	(f) Hackney	Clemens Percy J R R 2 St George	Standard
Blond H C Hensall	Hackney	Clewer John Richard R R 2 Markham	Clydesdale
Blond J Am A Wm Queenstown	Clydesdale	Clime W A Brantton	Standard
		Cliphurst n 1 red 101 Mitchell	Clydesdale
		Cliphurst Wm Mitchell	Clydesdale
		Colson Thos as R R 1 Blyth	Clydesdale

Name and Address	Breed	Name and Address	Breed
Comfort Frank Sheddson	Shire	Foster Bros Hyndford	Sh re
Cornnaught Park Jockey Club 126 Sparks Ottawa	Thoroughbred	Francis J A Pakenham	Clydesdale
Connor Matthew Aylmer	Shire	Fryer A J Lawrence Station	Standard
Cooke Fred B Fonthill	Clydesdale		Sh re
Coole L L c/o Dominion Live Stock Commss oneer Ottawa	Clydesdale	G	
Corbett William L & Sons R R 2 Alda Craig	(c) Clydesdale	Galbraith Bros Orangeville	Sh re
Corp Wilfred N 80 Woodstock	Clydesdale	Calloway Jas W Courtnght	Shire
Cox George H & S Sons Fairfield East	Shire	Garbutt Fred Dalton	Clydesdale
Cosby C E Pelham Union	Shire	Garbutt W H Dutton	Shire
Coulter Bros Port Perry	Clydesdale	Garbouse C S Hamber	Shure
Coulter John W R R 2 St Thomas	(sp) Hackney	Gardhouse A A Highfield	Sh re
Courtney A C & Son Pickering	Clydesdale	Gardhouse J M Weston	(s) Clydesdale
Coutts Donald D R R 2 Bradford	Clydesdale		
Coutts R D Midhurst	Hackney	Cardhouse John & Sons Highfield	Sh re
Cowan Alex R R 1 Donalda	Clydesdale	Cardhouse John & Sons Weston	(rt) Hackney
Cowie R W R 77 York Road Toronto	Thoroughbred	Garvin J F c/o W A McCulloch 990 Queen Street West Toronto	Standard
Leweson J B & Sons Queensville	Thoroughbred		
Cox H C 46 King Street W Toronto	Thoroughbred	Grays Bros London	Shure
Cox Herbert R & S Waterloo	Clydesdale	Gibson T G & R Denfield	Clydesdale
Cox Oscar R R 1 Union Ille	(p) Clydesdale	Giddings Harry Oakville	Thoroughbred
Cox Estate of T A Brantford	Hackney	Giff n I roctor R R 2 Brookville	Stan lard
Loyle Patrick Auld	Shire	Gilchrist Charles Mount Forest	Clydesdale
Crawford A G Lino	Iercheron	Glassco E 20 Sandwich Street W Windsor	Thoro ughbred
Crescent Bros R R 2 Ag account	Clydesdale	Cleason J & J J 198 Clarence Street Ottawa	Shure
Creech Jos Lambton Mills	Hackney	Glover W F Fungal	
Crew C A R R 2 Scarboro	Thoroughbred		
Creswell Ltd R R 2 Arthur	Clydesdale	GOOD CAPT THOMAS Nepean Richmond	Clydesdale
Cresson Frank R R 2 Arthur	Clydesdale	Kennellbrook Bros R R 3 Bolton	(c) Clydesdale
Croston W R Cobourg	Shire	Good son Thos Bellamy	Shire
Crow T A 140 Icars Avenue Toronto	Thoroughbred	Good son W T Sarnia	(c) Standard
Crowe William Cannan ore	Clydesdale	Goodson Arthur Chatham	Clydesdal
Cruckshank James R R 1 Enn	Clydesdale	Corey Lee A C Unonsville	Clydes lair
Culham Nelson R R 5 Galt	Standard	Scott Forbes Leppin	Shure
Cunningham A 122 Adelaide Avenue Toronto	Clydesdale	Couland John Humber	Clydesdal
Cunn s Michael Burnley	Clydesdale	Could J P Markham	Clydesdal
Curtan J W 384 Crawford Street Toronto	Standard	Craham R Claren ont	Clydesdal
Cushing Jas Ponsonby	Shire	Graham Robert Prince George Hotel Toronto	Hackney
D			
Dale & Dalziel Jing	Thoroughbred	Craham T A Claremont	Clydesdale
Darling John Bradford	Clydesdale	Craham W am Claremont	Clydesdale
Davidson Geo & Son Cherrywood	Clydesdale	Gray Joseph & Will am R R 1 Blyth	Clydesdal
Davidson Robert C Markham	Clydesdale	Green J T Stoney Creek	Stan lard
Davidson W L Meadowdale	Clydesdale	Greenwood John 200 Queen Street East Toront	Thoroughbred
Davies Cro Broadview Avenue Toronto	Thoroughbred	Greve James O Rosenthal	Clyd sila
Davies R W 72 Dunvegan Road Toronto	Thoroughbred	Greve William Cedron	Clydesdale
Davies R W Todorden	Hackney	Griff th W L Havelsok	Clydesdale
Deard John Junr R R 3 Zurich	Clydesdale	Croat W M Box 113 Mt Forest	(s) Clydesdale
Dennis James A 107 MacDonnell Str et Toronto	Clydesdale	Crosch W H Stratford	Standard
Dickson W Angus R R 1 Altwaco	Clydesdale		
Dixon J J 311 Toronto en Trusts Bldgs Toronto	Thoroughbred	H	
	Hackney	Haas Bros R R 1 Paris	Iercheron
Doane Joe H 30 Isabella Street Toronto	Thoroughbred	Haasbro M charl Bornholm	Clydeslal
Dohertry Hugh Scarboro Junct on	Clydesdale	Hahn Henry Linwood	Clydesdal
Dohertry W M Malton	Clydesdale	Halley Ernest R R 1 Princeton	Clydesdal
Dolson A J Chatham	Sh re	Hall Thomas Brocklin	Clyd sila
Don Alda Farm The Toth orden	(cp) Clydesdale	Hall V t r R R 2 Hornby	Clydeslal
Douner John Stroumsay	Sh re	Hallett W J Wh by	Clydeslal
Downer Austin Sons	Clydesdale	Hanbly Arthur klemburg	Sh re
Drury Frank Charing Cross	Sh re	Hanblv Henry Ale nburg	Sh re
Drury Robt Charing Cross	Sh re	Han iton Jockey Club Han ito	Thoroughbred
Duff Robert Myrtle stat m	Clydesdale	Hannall Wm 51 Indian Grove Toronto	Thoroughbred
Dunsmuth J J St Marie's	Sh re	Hards Arthur Brockville	Hackney
Dymont S A A I 212 King Street W Toront o	Thoroughbred		Clyd sila
E			
Eager Charles Presby Isle	Clydesdale	Hardy Thos L Des zes	Sh re
Easterbrook Frank Cornwall Islar t	Thoroughbred	Harris Bros Brechin	Clydesdale
Elston Hall Farm Lat m Hall i verles	I ercheron	Harrison Walter 34 Ridgewood Avenue Toronto	Thoroughbred
Ellott C D Brock and Farr New at Brock	Standard	Harron David R R 1 Newton	Clydesdal
	Thoroughbred	Hassard F J Weston	Clydesdal
Ellitt J C Clevece	Clydesdale	Hassard Ja k Markham	Clydesdale
Ellis J T R K 3 Blyth	Clydesdale	Hassard T H Markham	Sh re
Emerson W M Wilminton Att rifle station	Sh re	Hassard Dr T H Sylvan Avenue Toront	(c) Clydesdal
Evans W J Lauren station	Sh re		Standard
Experimental Fair s District of Ottawa	I ercheron	Hassard W Weston	Sh re
	Clydesdale	Hawthorn Alex R R 1 Colden	Clydesdal
F		Haward T H Lindsay	Sh re
Faulkner H R Meadows	Standard	Hernsen Chas Manbyville	Sh re
Ferguson Donald X Nos R R 6 St Thomas	Sh re	Hernsen Ja ms Agincourt	Clydesdal
Fergusen J C Salt hill	Sh re	Henderson J ent R R 2 Lakewood	Clydesdale
Fergusen David R R 2 Watled	Clydesdale	Henderson Thomas Glenora	Standard
Fergusen W D T Kirkland	Ha kies	Henderson W M 48 Cannon Street East Hamilt n	Thoroughbred
Ferguson W L & Son Carleton	Sh re	Hendrie Sir Jen s 46 Cannon Street East Hamilt n	Thoroughbred
Fidlay J H Buckle Armytage	Standard	Hendrie William B Hamilt n	Thoroughbred
Finnegan J H St Thomas	Sh re	Hener Thom Trough ar	Sh re
Fitzpatrick McMillan I an	Ha kies	Henes R B York	Sh re
Fletcher J J Newark	Sh re	Herg et August Hempel	Sh re
Fletcher J Arthur R R 2 Brampton	Clydesdale	Herrid J La stock	(c) Shure
Fletcher J C National Club Toronto	Thoroughbred	Hetherington Thomas J Interker	Standard
Fletcher J A Ontario s	Sh re	Hetherington Art Mas J	Clydesdal
Flinn J N Sta ner	Clydesdale	Hewson Chas Manbyville	Clydesdal
Flinn C M South Clarendon	Ha kies</		

Name and Address	Breed	Name and Address	Breed
Wesley William J. Thornhill		Workman John C. Essex	
Wettlaufer Jno No 3 New Hamburg	Yorkshire	Wright George B Wheatley	(c) Berkshire
Whalen Wilfred Centerville	Tamworth	Wright James P. Enghart	(a) Yorkshire
Whitton Harry Preston	Chester White	Wright W E & Son Glanworth	Tamworth
White D M & E J Ambersburg			Chester White
White H Port Rowan	Duroc Jersey	Wright W F Junr Glanworth	
White Thos No * Staples		Wyatt Lawrence Strathroy	Berkshire
Wilkinson George A Alliston	Yorkshire		
Wilkinson Heber Alliston	Yorkshire		
Williams George Queensville	Yorkshire		
Williams J Wesley Thornhill			
Williams Wm No 1 Schomberg			
Will's Ralph Gormley	Yorkshire	Young Edward Corton	Chester White
Willscraft W H Rainy River		Young James Charac Cross	Tamworth
Wilson Clara Milton	Yorkshire	Young J H 18 Toronto St. Toronto	Yorkshire
Wood Irvine Croton	Berkshire		
Woods R M Bradford	Yorkshire		

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A			
Agricultural College The Ontario Guelph	(est) Clydesdale	Boshart Peter R R 1 Milverton	Clydesdale
Aitken John Stratford	Percheron	Botsford Col n Auld	Shire
Alderson W S Horby	Clydesdale	Boucock Alfred 1 Laus ng	Clydesdale
Alester Hall Stock Farm R R 1 Ottawa	Thoroughbred	Boust eld Wray R R 1 Jarvis	Clydesdale
Allen Ben Dunlop 1 O Huron Co	Standard	Boward James Brampton	Thoroughbred
Allen Geo Burford	Clydesdale	Boyle Bros Holyrood	Clydesdale
Almaga Reid R R 1 Newton	Shire	Boynton William Gormley	(tp) Clydesdale
Alsop Joseph R R 1 Goodwood	Clydesdale	Brandon Bros Forest	Clydesdale
	Hackney	BRANT JOHN W., 68 Queen Street, Ottawa	Standard
	Clydesdale	Branton Alfred J Rodney	Hackney
Anderson George M R R 2 Guelph	Clydesdale		Shire
Anderson R J Winchester	Hackney	Breckon John Appleby	Shire
Anderson R W New Hamburg	Standard	Brillinger J R Chn and H II	Clydesdale
Annett George A O City	Clydesdale	Bright John Ottawa	Hackney
Apperley I H Cooktown	Shire	Brodie Wm 4 5 Adair Road Toronto	Thoroughbred
Armstrong Bros Locust H II	Clydesdale	Brooks I W Stirling	Hackney
Armstrong John D R R 1 Stayner	Clydesdale	Brown George Molesworth	Shire
Armstrong Leslie H R R 1 Unionville	Clydesdale	Brown I A R R 3 Fergus	Clydesdale
Astr strong Robert R R 1 Stayner	Clydesdale	Brown Robt J Seagrave	Clydesdale
Atkin Norman North Malden	Clydesdale	Brush Bros Cedar Springs	Shire
Atkinson W H Fort Elgin	Clydesdale	Bu e Angus Stayner	Hackney
Auld A C R R 1 Guelph	Clydesdale	Bull L J C Brant pto	(c) Clydesdale
			Shire
B		Buller Jonathan Ridgetown	Shire
Barg Alfred 1 Harley	(c) Clydesdale	Burgess Wellington Norwood	Clydesdale
Bailey William O'Sprng	Clydesdale	Burns C A 84 University Avenue Toronto	Standard
Baker A M Ringwood	Clyde dale	Burr John J 391 Berkley Street Toronto	Shire
Baker Will T Hampton	Shire	Burr Chas Lambton	Shire
Baldwin Albert Mainville	Clydesdale	Burr F W Waubano	Shire
Baldwin Charles Hillsburgh	Clydesdale	Burr Thos Bridgen	Shire
Baldwin C A Canboro	Shire	Burrell I Brampton	Hackney
Baldwin J I R R 2 Markham	(c) Clydesdale	Butler W F Ingersoll	Shire
Barnes Wm Sarnia	Shire		
Barnet T F Renfrew	Standard	C	
Barnhardt H J R R 1 Oro Station	Clydesdale	Callen Jas North Gower	Shire
Barrett Archibald W R R 5 Park H II	Clydesdale	Campbell A D Berlin	Hackney
Barrett Charles I R R 1 H	(c) Clydesdale	Campbell Bros R R 7 Alvinston	Clydesdale
Barras Thos Watford	Standard	Canpbell D A Hamilton	Thoroughbred
Barth Thomas 100 Bonborongh Street Toronto	Clydesdale	Canadian Racing Ass Imperial Bank Bldg Toronto	Thoroughbred
Battle Chas and of Troton Station	Standard	Canham E H Box 114 Meaford	Clydesdale
Bate T C Central Chambers Ottawa	Clydesdale	Carroll I M Carls Ritz Hotel Toronto	Clydesdale
Bate Hm Oakville	Thoroughbred	Carson S Clachan	Shire
Battler Wesley R R 1 Plattsville	Standard	Carson T A Kingston	Hackney
Batty W J R R 1 Brockton	(b) Hackney	Cassia Robert R R 1 Fenella	Clydesdale
	Clydesdale	Cass R C 303 King Street East Toronto	Clydesdale
	Shire	Cass Allen 4 Warren Road Toronto	Thoroughbred
Baw J n & M Dorrell 1 Seler	Clydesdale	Catherwood George Uxbridge	Clydesdale
Bawen & Moss p St Marys	Shire	Cation I C R R 2 Brampton	Clydesdale
Bean J A Winchester	Standard	Charlton S 1 Spring eld	Shire
Beare Raymond R R 2 Alsbury	Clydesdale	Chester R C Heapeley	Percheron
Beattie W R R R 2 Ebea	Clydesdale	Christenson Chas J Huntsville	Hackney
Beith R H Lomeville	Hackney	Christ Grant Manchester	(s) Clydesdale
Bennett Jas W Lakeview	Shire	Christ Jeter Manhester	Thoroughbred
Berry T J H ma 1	Shire	Clan ey I B Guelph	Hackney
Bew 1 I Unionville	Clydesdale		Shire
Bickson A J Owen	Clydesdale	Clark Alexander On Hon	Clydesdale
Bier Gaton J M grave	Clydesdale	Clark C I R R 2 Meaford	Shire
Black D D Nutt n	Shire	Clark Joseph Keweenaw	Shire
Black Hbert R R 3 Fergus	Clydesdale	Clarkson William Hurth eld	Shire
Black W n Wolf eld	Clydesdale	Clayn n Con S Son Grand Valley	Clydesdale
Black Wm 1 East eld	Hackney	Cleland W H 60 Arkfield Avenue Hamilton	Thoroughbred
Black W D R R 3 Tavistock	Clydesdale		Clydesdale
Black Joseph Clifton	Shire	Cleland W B Troy	Clydesdale
Black John M R R 5 Cuel H	Hackney	Clemens Percy P R R 1 St George	Standard
Black H J Jarvis	(cp) Hackney	Cloverton Richard R R 2 Markham	Clydesdale
Black J n & Son Georgetown	Clydesdale	Collins W A Brantion	Standard
		Colquhoun Fred H 101 Mchell	Clydesdale
		Colquhoun Wm Mchell	Clydesdale
		Colson Thos as R R 1 Blyth	Clydesdale

[illegible]

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was exposed to a control environment (CE) and the EG was exposed to an experimental environment (EE). The EE was designed to simulate a real-world environment with various stimuli and tasks. The subjects were exposed to the EE for a period of 10 days. The results of the experiment are shown in the table below.

Name and Address	Breed	Name and Address	Breed
Wesley William J, Thornhill		Workman John C Essex	
Wettlaufer Jno No 3 New Hamburg	Yorkshire	Wright George B Wheatley	(c) Berksh re
Whalen Wilford Centerville	Tamworth	Wright James P Englehart	Yorkshire
Whitton Harry Pecon	Chester White	Wright W C & Son Glanworth	(d) Tamworth
White D W & J Amherstburg		Wright W F Junr Glanworth	Chester White
White H Port Rowan	Durce Jersey	Wyatt Lawrence Strathroy	Berksh re
White, Thos No * Staples			
Wilkinson George A Alliston	Yorkshire		
W Danson Heber Alliston	Yorkshire		
Williams George Queensville	Yorkshire		
Williams J Wesley Thornhill			
Williams Wm No 1 Schomberg			
Will's Ralph Gormley	Yorkshire		
Wilsenraft W H Rainy River			
Wilson Clara Milton	Yorksh re		
Wood Irvine Croton	Berksh re		
Woods R St Bradford	Yorkshire		

Horse Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Wesley William J. Thornhill	Yorkshire	Workman John C. Essex	
Wettlauffer Jno. No 3 New Hamburg	Yorkshire	Wright George B. Wheatley	(c) Berkshire
Whalen Walrid Centreville	Tamworth	Wright James P. Englehart	Yorkshire
Wharton Harry, Icton	Chester White	Wright W. E. & Son Glanworth	(s) Tamworth
White D. M. & J. Amesherburg			Chester White
White H., Port Rowan	Durac Jersey	Wright W. F. Junr Glanworth	
White Thos. No 2 Staples		Wyatt Lawrence Strathroy	Berkshire
Wilkinson George A. Alliston	Yorkshire		
W. Kinson Heber Alliston	Yorkshire		
Williams George, Queenstown	Yorkshire		
Williams J. Wesley Thornhill			
Williams Wm. No 1 Schomberg			
Willis Ralph Gormley	Yorkshire		
Willis Ralph W. H. Rainy River			
Wilson Clara Milton	Yorkshire		
Wood Irvine Croton	Berkshire		
Woods R. M. Bradford	Yorkshire		

Horse Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Wesley William J. Thornhill	Yorksh re	Workman John C. Essex	
Wettlaufer Jno No 3 New Hamburg	Tamworth	Wright George B. Wheatley	(c) Berkshe e
Whalen W. H. H. Centerville	Chester Wh te	Wright James P. Englehart	Yorkshire
Wharton Harry, Pictou		Wright W. E. & Son Glanworth	(s) Tamworth
White D. M. & F. J. Amherstburg		Wright W. F. Junr. Glanworth	Chester Wh te
White H. Port Rowan	Durce Jersey	Wyatt Lawrence Strathroy	Berkshi e
White Thos No " Staples			
W. K. nson George A. All ston	Yorkshyre		
W. Kinson Heber Alliston	Yorkshire		
W. H. ans George Queenaville	Yorksh re		
W. H. ans J. Wesley Thornhill			
W. H. ans Wm No 1 Schomberg			
W. H. s Ralph Conrley	Yorksh re		
W. H. serratt W. H. Kainy R. ver			
W. H. son Clara Milton	Yorksh re		
Wood Irvine Croton	Berksh re		
Woods, R. M. 1 railor 1	Yorksh re		

Horse Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Wesley William J. Thornhill		Workman John C. Essex	
Wettlaufer John No 3 New Hamburg	Yorkshire	Wright George B. Wheatley	(f) Berksh re
Whalen Wilfred Centreville	Tamworth	Wright James P. Englehart	Yorkshire
Wharton Harry Pictou	Chester White	Wright W. E. & Son Glanworth	(s) Tamworth
White, D. W. & E. J., Amherstburg		Wright W. F. Junr. Glanworth	Chester White
White H. Port Rowan	Duroc Jersey	Wyatt Lawrence Strathroy	Berkshire
White Thos. No 2 Staples			
Wilkinson George A. Alliston	Yorkshire		
Wilkinson Heber Alliston	Yorkshire		
Williams George Queensville	Yorkshire		
Williams J. Wesley Thornhill			
Williams Wm. No 1 Schomberg			
Willis Ralph Gormley	Yorkshire		
Whecraft W. H. Rainy River			
Wilson, Clara Milton	Yorkshire		
Wood Isaac Croton	Berkshire		
Woods R. M. Bradford	Yorkshire		

Horse Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Comfort Frank Sheddson	Shire	Poster Bros Hyndford	Shire
Connaught Park Jockey Club 126 Sparks Ottawa	Thoroughbred		Clydesdale
Connor Matthew Aylmer	Shire	Francis J A Pakenham	Standard
Cooke Fred B Fonthill	Clydesdale	Izzy A J Lawrence Station	Shire
Cooke L L c/o Dominion Live Stock Commissioner Ottawa	Clydesdale		
Corbett William L & Sons R R 2 Ailsa Craig	(c) Clydesdale	G	
Corp Wilfred R R 6 Woodstock	Clydesdale	Galbraith Bros Orangeville	Shire
Corn George H & Son Fairfield East	Shire	Galloway Jas W Courtright	Shire
Cosby C L Pelham Union	Shire	Garbutt Fred Malton	Clydesdale
Coulter Bros Port Perry	Clydesdale	Garbutt W H Dutton	Shire
Coulter John W R R St Thomas	(sp) Hackney	Gardhouse C S Humber	Shire
Courtney A C & Son Pickering	Clydesdale	Gardhouse H A Highfield	Shire
Coutts Donald D R R 2 Bradford	Clydesdale	Gardhouse J M Weston	(s) Clydesdale
Coutts R D Midhurst	Hackney		Shire
Cowan Alex R R 1 Donalds	Clydesdale	Gardhouse John & Sons Highfield	Shire
Cowie R W R 7 York Road Toronto	Thoroughbred	Gardhouse John & Sons Weston	(cs) Hackney
Cowieon J B & Sons Queensville	Thoroughbred	Garvin J F c/o W A McCullough 990 Queen Street West Toronto	Standard
Cox H L 46 King Street W Toronto	Thoroughbred		
Cox Herbert R R 2 Waterford	Clydesdale	Cears Bros London	Shire
Cox Oscar R R R 1 Unonville	(p) Clydesdale	Gibson T G & R Denfield	Clydesdale
Cox Estate of T A Brantford	Hackney	Ceddings Harry Oakville	Thoroughbred
Coyle Patrick Auld	Shire	Giffin Proctor R R 2 Brookville	Standard
Crawford A G 1 no	Percheron	Gilchrist Charles Mount Forest	Clydesdale
Crawford Bros R R 1 Agincourt	Clydesdale	Glasco T 27 Sandwich Street W Windsor	Thoroughbred
Creech Jos Lambton Mills	Hackney	Cleeson J & J 194 Clarence Street Ottawa	Thoroughbred
Crew C A R R 2 Scarborough	Thoroughbred	Clover W F J Fingal	Shire
Crewson Ld R R 2 Arthur	Clydesdale		
Crewson Frank R R 2 Arthur	Clydesdale	GOOD CAPT THOMAS Nepean, Richmond	Clydesdale
Crosen W R Cobourg	Standard	Goodfellow Bros R R 3 Bolton	(c) Clydesdale
Crow T A 140 Icars Avenue Toronto	Thoroughbred	Goodson W T Sarnia	Shire
Crowe William Cannamore	Clydesdale	Gordon Arthur Chatham	(c) Clydesdale
Cruckshank James R R 1 Erin	Clydesdale	Gornley A C Unonville	Clydesdale
Culham Nelson R R 5 Galt	Standard	Gott Forbes Lyping	Clydesdale
Cunningham A 312 Delaware Avenue Toronto	Standard	Gouldand John Humber	Shire
Cunn & Whael Burnley	Clydesdale	Goult J P Markham	Clydesdale
Cutran J W 384 Crawford Street Toronto	Standard	Graham R Claremont	Clydesdale
Cushing, Jas Penosby	Shire	Graham Robert Prince George Hotel Toronto	Hackney
D			
Dale & Daniel King	Thoroughbred	Graham T A Claremont	Clydesdale
Darling John Bradford	Clydesdale	Graham William Claremont	Clydesdale
Davidson Leo & Son Cherrywood	Clydesdale	Gray Joseph & Will am R R 1 Blyth	Clydesdale
Davidson Robert C Markham	Clydesdale	Green F T Stony Creek	Standard
Davidson W L Wadsworth	Clydesdale	Greene James O Renfrew	Thoroughbred
Davies Geo Broadview Avenue Toronto	Thoroughbred	Greene William Credton	Clydesdale
Davies R W 72 Dunvegan Road Toronto	Thoroughbred	Griffith W L Havelock	Clydesdale
Davies R W Todorden	Hackney	Grout W M Box 113 Mt Forest	(f) Clydesdale
Decher John Junr R R 3 Zurich	Standard	Grosch W H Stratford	Standard
Dennis James A 104 MacDonnell Street, Toronto	Clydesdale		
Denson W Angus R R 1 Attawapiskat	Clydesdale		
Dixon J J 711 Toronto City Trusts Bldgs Toronto	Thoroughbred		
		H	
Duane Joe H 30 Isabella Street Toronto	Hackney	Haas Bros R R 1 Paris	Percheron
Deberry Hugh Scarborough Junction	Thoroughbred	Hagarty Mabel Bornholm	Clydesdale
Deberry W M Malton	Clydesdale	Hahn Henry Linwood	Clydesdale
Dobson A J Chatham	Shire	Haley Ernest R R 1 Princeton	Clydesdale
Doe & Alda Farm The Text only	(sp) Clydesdale	Hall Thomas Brockton	Clydesdale
Douglas John Stouess	Shire	Hall Victor R R 2 Hensby	Clydesdale
Downer Austin Sonva	Clydesdale	Hallett W J Whitby	Clydesdale
Drury Frank Charing Cross	Shire	Hambly Arthur Alenburgh	Shire
Drury R B Charing Cross	Shire	Hambly Henry Alenburgh	Shire
Duff R Bert Martine Station	Clydesdale	Hanlon Jockey Club Hanlon	Thoroughbred
Dunsmuir S A 1 212 King Street W Toronto	Shire	Hanlon Wm 53 Indian Head Toronto	Hackney
	Thoroughbred	Hardy Arthur C Brookville	Clydesdale
		Hardy Thomas Deser	Shire

Name and Address	Breed	Name and Address	Breed
Wesley Will am J Thornhill	Yorkshire	Workman John C Essex	(c) Berkshire
Weitlauffer Jno No 3 New Hamburg	Tamworth	Wright George B Wheatley	Yorkshire
Whalen Walford Congerville	Chester White	Wright James D Englishart	(a) Tamworth
Wharton Harry I cton	Durce Jersey	Wright W E & Son Glanworth	Chester White
White D M & E J Amherstburg		Wright W F Junr Glanworth	Berkshire
White H Port Rowan		Wyatt Lawrence Strathroy	
White Thos No * Staples	Yorkshire	Y	
Wilkinson George A Alliston	Yorksh re	Young Edward Corton	Chester White
Wilkinson Heber Alliston	Yorkshire	Young Jamet Charing Cross	Tamworth
Williams George Queensville		Young J H 18 Toronto St Toronto	Yorksh re
Williams J Wesley Thornhill	Yorkshire	Z	
Williams Wm No 1 Schomberg		Ziegler Moses No 1 Southampton	
Willis Ralph Gormey	Yorksh re		
Willscratt W H Rainy River	Yorksh re		
Wilson Clara Milton	Berkshire		
Wood Irvine Croton	Yorksh re		
Woods R M Beaford			

Horse Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Wesley William J Thornhill		Workman John C Essex	
Wettlinger Jas No 3 New Hamburg	Yorkshire	Wright George B Wheatley	(c) Berksh re
Whalen Wilfred Centerville	Tamworth	Wright James P Eaglehart	(s) Yorksh re
Wharton Harry Picton	Chester White	Wright W E & Son Glanworth	Tamworth Chester White
White D W E J Amherstburg		Wright W F Junr Glanworth	Berkshire
White H, Port Rowan	Duroc Jersey	Wyatt Lawrence Strathroy	
White Thos No * Staples			
Wilkinson George A Alliston	Yorkshire		
Wilkinson Heber Alliston	Yorkshire	Y	
Williams George, Queensville	Yorksh re	Young Edward Gorton	
Williams J Wesley Thornhill		Young James Charing Cross	Chester White
Willams Wm No 1 Schomberg		Young J H 18 Toronto St Toronto	Tamworth Yorksh re
Willis Ralph Cornley	Yorkshire		
Withcraft W H Rainy River		Z	
Wilson Clara Milton	Yorkshire	Ziegler Moses No 1 Southampton	
Wood Irvine Croton	Berksh re		
Woods R M Brafford	Yorksh re		

Horse Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Comfort Frank Sheddou	Sh re	Foster Bros Hyndford	Sh re
Connaught Park Jockey Club 126 Sparks Ottawa	Thoroughbred	Francis J A Pakenham	Clydesdale Standard
Connor Matthew Aylmer	Sh re	Fryer A J Lawrence Station	Sh re
Cooke Fred B Fonthill	Clydesdale		
Cooke L L c/o Dominion Live Stock Commission Ottawa	Clydesdale	G	
Corbett William L & Sons RR 2 Ailsa Craig	(c) Clydesdale	Calbraith Bros Oranville	Sh re
Corp Wilfred RR 6 Woodstock	Clydesdale	Galloway Jas W Courtinght	Sh re
Corr George H & Son Fairfield East	Sh re	Carbutt Fred Walton	Clydesdale
Cosby C E Pelham Union	Sh re	Garbutt W H Dutton	Sh re
Coulter Bros Port Perry	Clydesdale	Gardhouse C S Humber	Sh re
Coulter John W RR 5 St Thomas	(sp) Hackney	Gardhouse H A Hightield	Sh re
Courtney A C & Son Luckering	Clydesdale	Gardhouse J M Weston	(s) Sh re
Coutts Donald D RR 2 Bradford	Clydesdale		Clydesdale
Coutts R D Midhurst	Hackney	Gardhouse John & Sons Hightield	Sh re
Cowan Alex RR 1 Donalds	Clydesdale	Gardhouse John & Sons Weston	(s) Hackney
Cowse R W RR 7 York Road Toronto	Thoroughbred	Garvin J F c/o W A McCullough 990 Queen Street West Toronto	Standard
Lowleson J B & Sons Queensville	Thoroughbred		
Cox H C 46 King Street W Toronto	Thoroughbred	Grav Bros London	Sh re
Cox Herbert RR 5 Waterloo	Clydesdale	Gibson T G & R Denfeld	Clydesdale
Cox Oscar R RR 1 Unonville	Clydesdale	Cedings Harry Oakville	Thoroughbred
Cox Estate of T A Brantford	(p) Hackney	Ciffin tractor RR 2 Brookville	Standard
Coyne Patrick Auld	Shire	Cistof Charles Mount Forest	Clydesdale
Crawford A C Lmo	Percheron	Glasseo F J Sandwich Street W Windsor	Thoroughbred
Crawford Bros RR 1 Agincourt	Clydesdale	Gleeson J & J 198 Clarence Street Ottawa	Thoroughbred
Creech Jos Lambton Mills	Hackney	Glover W F Fungal	Shire
Crew C A RR 2 Scarborough	Thoroughbred		
Cresson Ld RR 2 Arthur	Clydesdale	GOOD CAPT THOMAS Nepean Richmond	Clydesdale
Crossen W R Cobourg	Standard	Goodfellow Bros RR 3 Bolton	(c) Clydesdale
Crow T A 140 Pears Avenue Toronto	Thoroughbred	Goodson Thos Bellamy	Sh re
Crowe William Cannamore	Clydesdale	Goodson W T Sarnia	(c) Standard
Crochbank James RR 1 Erin	Clydesdale	Gordon Arthur Chatham	Clydesdale
Culham Nelson RR 5 Galt	Clydesdale	Cornley A C Unonville	Clydesdale
Cunningham A 312 Delaware Avenue Toronto	Standard	Gott Forbes Eppeng	Clydesdale
Cunn S Michael Burnley	Clydesdale	Coulton John Humber	Sh re
Curran J W 384 Crawford Street Toronto	Standard	Cowell J P Markham	Clydesdale
Cush ne Jas Penosby	Sh re	Craham R Claremont	Clydesdale
		Craham Robert Prince George Hotel Toronto	Hackney
D			
Dale & Daniel King	Thoroughbred	Claha T A Claremont	Clydesdale
Darling John Bradford	Clydesdale	Craham William Claremont	Clydesdale
Davidson Geo & Son Cherrywood	Clydesdale	Craw Joseph & William RR 1 Blyth	Clydesdale
Davidson Robert C Markham	Clydesdale	Creen F T Stony Creek	Standard
Davidson W L Meadowsdale	Clydesdale	Creenwood John 1426 Queen Street East Toronto	Thoroughbred
Davies Geo Broadview Avenue Toronto	Thoroughbred	Creeve James O Rosemeath	Clydesdale
Davies R W 72 Dunvegan Road Toronto	Thoroughbred	Creeve William Girdton	Clydesdale
Davies R W Todorden	Hackney	Griffith W L Havelock	Clydesdale
Decher John Junr RR 3 Zurich	Standard	Croat W M Box 113 Mt Forest	(s) Clydesdale
Dennis James A 10 MacDonald Street Toronto	Clydesdale	Crouch W H Stratford	Standard
Dickson W Angus RR 1 Alton	Clydesdale		
Dixon J J 311 Toronto City Trusts Bldgs Toronto	Thoroughbred	H	
	Hackney	Haas Bros RR 1 Paris	Percheron
Dwyer Jos H 21 Isabella Street Toronto	Thoroughbred	Hazette Michael Bornholm	Clydesdale
Dwight Hugh Scarborough Junction	Clydesdale	Hahn Henry Linwood	Clydesdale
Dwight W M Malton	Clydesdale	Haley Ernest RR 1 Princeton	Clydesdale
Dyson A J Chatham	Sh re	Hall Thomas Havelock	Clydesdale
Dyn Alda Tams The Trollden	(sp) Clydesdale	Hall Arthur RR 2 Havelock	Clydesdale
Dyngher John Vintoness	Sh re	Hallott W J Welton	Clydesdale
Dwyer Austn Soosy	Clydesdale	Hambly Arthur Kilmurg	Sh re
Dwyer Frank Charing Cross	Sh re	Hambly Henry Kilmurg	Sh re
Dwyer R H Charing Cross	Sh re	Hanilton Jockey Club Hamilton	Thoroughbred
Dwyer Robert Myrtle Station	Clydesdale	Hanilton W 51 Indian Creek Toronto	Thoroughbred

Name and Address	Breed	Name and Address	Breed
Westley William J. Thornhill		Workman John C. Essex	
Wettlauffer Jno. No 3 New Hamburg	Yorkshire	Wright George B. Wheatley	(c) Berkshire
Whalen Wilfred Centerville	Tamworth	Wright James P. Enghart	(s) Yorkshire
Wharton Harry Icton	Chester White	Wright W. E. & Son Glasworth	Tamworth
White D. M. & E. J. Amherstburg		Wright W. F. Junr. Glasworth	Chester White
White H. Port Rowan	Dumc. Jersey	Wyatt Lawrence Strathroy	Berkshire
White Thom. No 2 Staples			
Wilkinson George A. Alliston	Yorkshire		
W. Bennett Heber Alliston	Yorkshire		
Williams George, Centerville			
Williams J. Wesley Thornhill			
Williams Wm. No 1 Schomberg			
Willis Ralph Gormley	Yorkshire		
W. D. Pratt W. H. Rainy River			
Wilson Clara Milton	Yorkshire		
Wood Irvine Croton	Berkshire		
Wood R. M. Bradford	Yorkshire		

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A			
Agricultural College The Ontario Guelph	(cs) Clyd-sdale	Boshart Peter RR 1 Miverton	Clydesdale
Atkinson J hn Stratford	Percheron	Botsford Col n Auld	Shire
Alderson W S Hurby	Clydesdale	Bourcock Alfred Laus na	Clydesdale
Alester Hall Stok Farm RR 1 Ottawa	Thoroughbred	Boust et J Wray RR 1 Jarvis	Clydesdale
Allen Ben Develop Co Huron Co	Standard	Boward J a es Brantion	Thoro ghbred
Allen Geo Hurf rd	Clydesdale	Boyle Bros Holyrood	Clydesdale
Alldraham Road RR 1 Newton	Shire	Bovnton Willat Cornely	(sp) Clydesdale
Alsop Joseph RR 1 Goodwood	Clydesdale	Brandon Bros Forest	Clydesdale
	Hackney	BRANT, JOHN W., 68 Queen Street, Ottawa	Standard
	Clydesdale	Branton Alfred J Rodney	Hackney
Anderson George M RR 2 Guelph	Clydesdale		Shire
Anderson R J Winchester	Clydesdale	Breckon John Appleby	Shire
Anderson R W New Hamburg	Hackney	Brill nger J Richm ond H ll	Clydesdale
Annett George A C C ty	Standard	Bright, John Ottawa	Hackney
Appertley J H Kootenaw	Clydesdale	Brod e Wm A 5 Adair Road Toronto	Thoroughbred
Armstrong Bros Locust H D	Shire	Brox L I W A St nng	Hackney
Armstrong John D RR 1 Stayner	Clydesdale	Brown George Molesorth	Shire
Armstrong Leslie H RR 1 Leno x ll	Clydesdale	Brown I A RR 3 Fergus	Clydesdale
Armstrong Robert RR 1 Stayner	Clydesdale	Brown Robt J Seagrave	Clydesdale
Atkin Newton Nxb Malden	Clydesdale	Brush Bros Cedar Springs	Shire
Atkinson W H Teet Elgin	Percheron	Blue Angus Stayner	Hackney
Auld A G RR 1 Guelph	Clydesdale	Bull L J C Brant pto	(c) Clydesdale
			Shire
B		Buller J nathan R dgeton n	Shire
Baird Alfred E Eley	(c) Clydesdale	Burgess Wellington Norwood	Clydesdale
Baker W an D ngr na	Clydesdale	Burns C A 84 University Avenue Toronto	Standard
Baker A M Ringwood	Clyde dale	Burns John J 391 Herkley Street Toronto	Shire
Baker W L T, Hampton	Shire	Burr Chas Lanbton	Shire
Baldwin Albert Ma on	Clydesdale	Burr J F Wauh n	Shire
Baldwin Charles H H Burgh	Clydesdale	Burr Thos Bridlen	Shire
Baldwin C A Canboro	Clydesdale	Burrill I Brampton	Hackney
Baldwin J I RR 1 Markham	Shire	Burton W I Ingersoll	
Barnes Wm Sarnia	Shire		
Barr T I Renora	Standard	C	
Barr an I H Jacks Oros Station	Clydesdale	Callen Ter Jas North Gower	Shire
Barratt Albert W RR 2 Park Hill	Clydesdale	Canpbell A B Berlin	Hackney
Barratt Charles E Park Hill	Standard	Canpbell Bros RR 7 Alvinston	Clydesdale
Barr an Thos Wall rd	Clydesdale	Canpbell D A Brantion	Thoroughbred
Barrington Thomas n Kensington Street Toronto	Standard	Canada n Rac ng Ass. Imperial Bank Bldg. Toronto	Clydesdale
Bart J nke Samuel Front n Station	Clydesdale	Carnahan I H Box 114 Meaford	Clydesdale
Ba e T C Central Charners Ottawa	Thoroughbred	Carroll E M Carls Lake Hotel, Toronto	Shire
Baxter J W Oakx e	Thoro ghbred	Carson S Clachan	Hackney
Battley Wesley RR 1 Platts ille	Standard	Carson T A Kingston	Clydesdale
Batty W J RR 1 Brooklyn	Hackney	Carria n Robert RR 1 Fenella	Clydesdale
		Cascl R C 243 King Street East Toronto	Clydesdale
Baeban & M nce I Carter	Clydesdale	Cass Allen A Warren Road Toronto	Thoroce bred
Baeban & M nce St Mary s	Shire	Catherwood George I shridge	Clydesdale
Baen J A Winchester	Shire	Cath n I C RR 2 Brampton	Shire
Beare Hyman RR 2, Labrador	Standard	Chaff n S J Springfield	Shire
Beast n W R RR 2, Etna	Clydesdale	Chester R I Hespeler	Percheron
Be e J H Hespeler	Hackney	Christomon Chas J Huntsville	Clydesdale
Beckett Jas W Lakeview	Shire	Christ n Grant Markham	Clydesdale
Berry T J H road	Shire	Christie Peter Manchester	Thoro ghbred
Brown J I Etna	Clydesdale	Clan ey I B Guelph	Hackney
Brown A J Etna	Clydesdale		
Brown (East n) M nce e	Clydesdale	Clark Alexander Dutton	Clydesdale
Buck I D I Etna	Shire	Clark C I RR 2 Meaford	Shire
Buck P Bert E K J Fergus	Clydesdale	Clat k Joseph Racenhour	Shire
Buck W Jav nce Etna	Clydesdale	Clarkson William H H H H H	Clydesdale
Buck W Wm East rd	Clydesdale	Clay n Geo & Geo Grand Valley	Thoroughbred
Bun C H RR 2, Etna	Clydesdale	Clend W B n Arthouan Avenue Hamilton	Clydesdale
Baker J nce Etna	Shire		Clydesdale
Bun C H RR 2, Etna	Hackney	Clonan W B Terry	Clydesdale
Bun H H Hespeler	Hackney	Clonons Perry E RR 2 St George	Standard
Bun J nce A Wm Hespeler	Hackney	Clonon n K nshall RR 2 Markham	Clydesdale
		Collins W A Brantion	Standard
		C C L h n n Ford Rd 181 Mt h ell	Clydesdale
		Colquhoun Wm M t h ell	Clydesdale
		C 240 21 n n RR 1 Elyth	Clydesdale

Name and Address	Breed	Name and Address	Breed
Cornfort Frank Shebdon	Sh re	Foster Bros Hyndford	Sh re
Cornnaught Park Jockey Club 126 Sparks Ottawa	Thoroughbred		Clydesdale
Cosmor Matthew Aptner	Shire	Francis J A Pakenham	Standard
Cooke Fred B Fonthill	Clydsdale	Fryer A J Lawrence Stat on	Sh re
Cooke L L c/o Dominion Live Stock Comm ss oner Ottawa	Clydsdale		
Corbett William I & Sons R R 2 Ailsa Craig	(c) Clydesdale	G	
Cort Wind R R 6 Wedekind	Clydsdale	Calbra th Bros Orange lle	Sh re
Lorr George H & Son Fair eld East	Sh re	Galloway Jas W Courtright	Shure
Cosby C E Petham Union	Shure	Garbutt Fred Malton	Clydsdale
Coulter Bros Port Perry	Clydsdale	Garbutt W H Dutton	Shure
Coulter John W R R St Thomas	Hackney	Gardhouse C S Humber	Sh re
Courtnay A C & Son Locker ne	Clydsdale	Gardhouse H A H gh eld	Sh re
Coutts Donald D R R 2 Bradford	Clydsdale	Gardhouse J M Weston	(s) Clydsdale
Coutts R D Midhurst	Ha kney	Gardhouse John & Sons H gh eld	Sh re
Cowan Alex R R 1 Donalda	Clydsdale	Gardhouse John & Sons Weston	(ss) Hackney
Cowse R W R -- York Road Toronto	Thoroughbred	Garvin J F c/o A McCullogh 990 Queen Street West	Standurd
Lowmson J B & Sons Queensw lle	Thoroughbred		
Cox H C 46 King Street W Toronto	Thoroughbred		
Cox Herbert R R 5 Waterford	Clydsdale	Cearv Bros London	Sh re
Cox Oscar R R 1 Unionsville	(p) Clydsdale	G bson T G & R Denf eld	Clydsdale
Cox Estate of T A Brantford	Hackney	G d ds nes Harry Oaky lle	Thoroughbred
Loyle Patrick Auld	Shire	G f n Proctor R R 2 Brooks ll	Stan lard
Crawford A C Lunenburg	I ercheron	G lsdorf Charles Mount Forest	Shure
Crawford Bros R R 1 Ag ncourt	Clydsdale	Glasco F -- Sandwich Street W Windsor	Thoroughbred
Crech Jos Lan ton Mills	Hackney	Gleson J & J 194 Clarence Street Ottawa	Thoro ugbred
Crew C A R R 2 Scarborough	Thoroughbred	Glover W F Fingal	Shure
Creswell Ld R R 2 Arthur	Clydsdale		
Cresson Frank R R 2 Arthur	Clydenion	GOOD CAPT THOMAS Nepean Richmond	Clydsdale
Crosen W R Cobourg	Standard	Goodfellow Bros R R 3 Bolton	(c) Clydsdal
Crow T A 140 Peas Avenue Toronto	Thoroughbred	Good son Thos Bellamy	Sh re
Crowe William Cannamore	Clydsdale	Good son W T Sarnia	() Standard
Cru ckshank James K R 1 Erin	Clydsdale	Goodson Arthur Chatham	Cly des dal
Cullham Nelson Gall	Clydsdale	Gorn ley A L sons lle	Cly des dal
Cunningham A 312 Delaware Avenue Toronto	Standard	Gott Forbes Epping	Cly de la
Cunn s Michael Burnley	Clydsdale	Gouldand John Humber	Sh re
Curran J W 384 Crawford Street Toronto	Standard	Goult J P Markham	Cly l idal
Cush ng Jas Pensooby	Sh re	Crahan R Claremont	Clydsdale
		Crahan Robert Prince George Hotel Toront	Ha kney
D			Clydsdal
Dale & Dalziel King	Thoroughbred	Craba T A Claren ont	Cly l idal
Darling John Bradford	Clydsdale	Craban W Jam Claremont	Cly l idal
Davidson Geo & Son Cherrywood	Clydsdale	Crat Joseph & Willam R R 1 Blyth	Clydsdal
Davidson Robert C Markham	Clydsdale	Creen F T Stoner Creek	Standard
Davidson W L Meadowvale	Clydsdale	Creenwood John 1426 Queen Street East Toront	Thoroughbred
Davies Geo Broad w Avenue Toronto	Thoroughbred	Crieve James O Roseneath	Clydsdal
Dav es R W 2 Dumvegan Road Toronto	Thoroughbred	Crieve Will am Cred ton	Cly l idal
Davies R W Toronto	Ha kney	Croftt W L Havercok	Clydsdal
Decker John Junr R R 5 Zuni h	Standard	Croat W M How 213 Mt Loest	Clydsdale
Dennt s James A 10 Ma Donnell Str et Toronto	Clydsdale	Crouch W H Stratford	Standard
Dickson W Angus R R 1 Altwood	Clydsdale		
Dixon J J 711 Toronto Cen Trns ls Blgs Toront o	Thoroughbred		
	Ha kney		
Dwayne J W H 3 Isabella Street Toronto	Thoroughbred	H	
Doberty Hugh Scarborough Junction	Clydsdale	Hazas Bros R R 1 Jar s	Perry ew
Doberty W M Malton	Clydsdale	Hazarty Michael Beenhelm	Cly l idal
Dobson A J Chatham	Clydsdale	Hahn Henry Linwood	Cly l idal
Doh Aldelan s The T x st r	(sp) Clydsdale	Haley Ernest R R 1 Princeton	Cly l idal
Dougher John Strongness	Sh re	Hall Th mas H eald	Cly l idal
Dowder Austin Son s	Sh re	Hall A t r R R s Hornbs	Cly l idal
Dreary Frank Charing Cross	Clydsdale	Hallett W J White	Clydsdale
Dreury R H Charing Cross	Clydsdale	Hambly Arthur Kleinburg	Sh re
Duff R Bert Steele Stat on	Clydsdale	Hambly Henry Kleinburg	Sh re
		Hamm two Jokers Club Han le	Thore shland
		Hams all Wn al Indian pce Toront o	Thore shland

Name and Address	Breed	Name and Address	Breed
Comfort Frank Sheddoo	Shire	Foster Bros Hyndford	Shire
Connaught Park Jockey Club, 126 Sparks Ottawa	Thoroughbred	Francis J A Pakenham	Clydesdal
Connor Matthew Aylmer	Shire	Fryer A J Lawrence Station	Standard
Cooke, Fred B, Fonthill	Clydesdale		Shire
Cooke, L. L. c/o Dominion Live Stock Commissioner Ottawa	Clydesdale	G	
Corbett William L & Sons R R 2 Ailsa Craig	(1) Clydesdale	Galbraith Bros Orangeville	Shire
Corp Wilfred R R 6 Woodstock	Clydesdale	Gallopway Jas W Courtright	Shire
Cott, George H & Son Fairfield East	Shire	Garbutt Fred Malton	Clydesdale
Cosby, C. E., Pelham Union	Shire	Garbutt W H Dutton	Shire
Coulter Bros Fort Perry	Clydesdale	Gardhouse C S Humber	Shire
Coulter John W R R 7 St Thomas	(17) Hackney	Gardhouse H A Highfield	Shire
Courtney A C & Son Pickering	Clydesdale	Gardhouse J M Weston	(1) Shire
Coutts Donald D R R 2 Bradford	Clydesdale	Gardhouse John & Sons Highfield	Clydesdale
Coutts R D Midhurst	Hackney	Gardhouse John & Sons Weston	Shire
Cowan Alex R R 1 Donalds	Clydesdale	Garvin J E c/o W A McCulloch 990 Queen Street West Toronto	(12) Hackney
Cowan R W R 77 York Road Toronto	Thoroughbred	Gears Bros London	Shire
Cowan J B & Sons Queensville	Thoroughbred	Gibson T G & R Denfield	Clydesdale
Cox H C 46 King Street W Toronto	Thoroughbred	Giddings Harry Oakville	Thoroughbred
Cox, Herbert R R 5 Waterloo	Clydesdale	Giffin Proctor R R 2 Brookville	Standard
Cox Oscar R R 1 Unionville	(1) Clydesdale	Gilston Charles Mount Forest	Clydesdale
Cox Estate c/o A Brantford	Hackney	Glasse F 2 nd Sandwich Street W Windsor	Thoroughbred
Coyne Patrick Auld	Shire	Gleeson J & J 194 Clarence Street Ottawa	Thoroughbred
Crawford A G Lmo	Jercheron	Glover W F, Fungal	Shire
Crawford Bros R R 1 Agincourt	Clydesdale	GOOD, CAPT THOMAS, Nepean, Richmond	Clydesdale
Creech Jos Lambton Mills	Hackney	Goodfellow Bros R R 3 Bolton	(1) Clydesdal
Crew C A R R 2 Scarboro	Thoroughbred	Goodson Thos Bellamy	Shire
Creswell Ltd R R 2 Arthur	Clydesdale	Goodson W T Sarnia	(1) Standard
Crossen W R Cobourg	Standard	Gordon Arthur Chatham	Clydesdal
Crow T A 110 Ears Avenue Toronto	Thoroughbred	Gordon A G Unionville	Clydesdal
Crowe William Cannamore	Clydesdale	Gott Forbes Epping	Clydesdal
Cruikshank James R R 1 Linn	Clydesdale	Gouldland John Humber	Shire
Culham Nelson R R 5 Galt	Clydesdale	Gould J P Markham	Clydesdal
Cunningham A 312 Delaware Avenue Toronto	Standard	Graham R Claremont	Hackney
Cunniff Michael Burnley	Clydesdale	Graham Robert Prince George Hotel Toronto	Clydesdale
Curran J W 384 Crawford Street Toronto	Standard	Graham T A Claremont	Clydesdale
Cushing Jas Penzance	Shire	Graham William Claremont	Clydesdale
D		Gray Joseph & William R R 1 Blyth	Clydesdal
Dale & Daniel King	Thoroughbred	Green F T Stoney Creek	Standard
Darling John Bradford	Clydesdale	Greenwood John 1426 Queen Street East Toronto	Thoroughbred
Davidson Geo & Son Cherrywood	Clydesdale	Greene James O Rosemeath	Clydesdal
Davidson Robert C Markham	Clydesdale	Greene William Crediton	Clydesdal
Davidson W L Meadowdale	Thoroughbred	Griffith W L Havelock	Clydesdal
Davies Geo Broadview Avenue Toronto	Thoroughbred	Groat W M Box 113 Mt Forest	(1) Clydesdale
Davies R W 72 Dunvegan Road Toronto	Thoroughbred	Grosch W H Stratford	Standard
Davies R W Todorden	Hackney	H	
Decher John Junr R R 3 Zuih	Standard	Haas Brs R R 1 Paris	Jercheron
Dennis James A 10 th Macdonnell Street, Toronto	Clydesdale	Hazette Michael Benthams	Clydesdal
Dickson W Angus R R 1 Attwood	Clydesdale	Hahn Henry Kanawha	Clydesdale
Dixon J J 311 Toronto on Trusts Bldgs Toronto	Thoroughbred	Haley Ernest R R 1 Princeton	Clydesdale
Dixie Jos H 391 Isabella Street Toronto	Hackney	Hall Thomas Bracklin	Clydesdale
Doherty Hugh Scarboro Junction	Thoroughbred	Hall Victor R R 2 Humber	Clydesdale
Doherty W M Walton	Clydesdale	Hall W J Wexley	Clydesdale
Dolson A J Clatham	Shire	Hambly Arthur Kleinburg	Shire
Don Alda Farm The Todorden	(17) Clydesdale	Hambly Henry Kleinburg	Shire
Doughter John Minerva	Shire	Hanlon Jockey Club Hanlon	Thoroughbred
Downer Austin Nova	Clydesdale		
Dwyer Frank Charing Cross	Shire		
Dwyer Rbt Charing Cross	Shire		
Dyer Robert Merivale Station	Clydesdale		

Name and Address	Breed	Name and Address	Breed
Wesley William J. Thornhill	Yorkshire	Workman John C. Essex	
Westlander John No 3 New Hamburg	Yorkshire	Wright George B. Wheatley	(c) Berkshire
Whalen W. Irlin Centerville	Tamworth	Wright James P. Englehart	Yorkshire
Whitton Harry, fiction	Chester White	Wright W. E. & Son Clanton	(s) Tamworth
White D. M. & J. Amherstburg			Chester White
White H. Port Rowan	Durac Jersey	Wright W. F. Junr Glanworth	
White Thos. No 2 Staples		Wyatt Lawrence Strathroy	Berkshire
Wilkinson George A. Alliston	Yorkshire		
W. Kinison Heber Alliston	Yorkshire		
Williams George Queensville	Yorkshire		
Williams I. Wesley Thornhill			
Williams Wm. No 1 Schomberg			
Wills Ralph Gormley	Yorkshire		
Willcraft W. H. Rainy River			
Wilson Clara Milton	Yorkshire		
Wood Mrs. N. Gorton	Berkshire		
Wood R. M. Bradford	Yorkshire		

Horse Breeders

Name and Address	Breed	Name and Address	Breed
A			
Agricultural College The Ontario Guelph	(car)	Clyd sdale	Clydesdale
Aikinson J hn Stratford	Fetherbon	Boshart P ter R R 1 M Iverton	Clydesdale
Albion W S L rrbv	Clydsdale	Botsford Col n Auld	Shire
Alester Hall Strk Farm R R 1 Ottawa	Thoroughbred	Bourock Alfre 1 Laug	Clydesdal
Alen Ben Dunlop 1 O Huron Co	Standard	Boust ell Wray R R 1 Jary s	Clydesdale
Allen Geo Bufr cl	Clyd'sdale	Bovad Ja nes Brampton	Thoroughbred
Allegban Rekl R R 1 Newton	Sh re	Boyle Bros Holyrood	Clydesdale
Alsop Joseph R R 1 Goodwood	Clydsdale	Bovnton Will a Connelly	Clydesdale
	Hackney	Branton Bros Forest	Clydesdale
Anderson Creeg M R R 2 Culpch	Clydsdale	BRANT JOHN W 88 Queen Street, Ottawa	Standard
Anderson R J W chester	Hackney	Branton Alfred J Rodney	Hackn y
Anderson R J New Hainburg	Standard		Sh re
Annett George A O City	Clydsdale	Breckon Jol n Appleby	Sh re
Apperley T H Crookstown	Shire	Brl nner J R ch ond H ll	Clydesdale
Armstrong Bros Locust Hill	Clydsdale	Bright John Ottawa	Hackney
Armstrong John D R R 1 Stayner	Clydsdale	Brod e Wu 4 5 Ad ral Road Toronto	Thoroughbred
Armstrong Leslie H R R 1 Unionsville	Clydsdale	Brooks I W St rine	Hackney
Armstrong Robert R R 1 Stayner	Clydsdale	Brown George Molesworth	Shire
Aik n Norman North Malden	Clydsdale	Brown L A R R 1 Jergus	Clydsdale
Attkinn W H Fort Erie	Clydsdale	Brown, Robt J Seagrave	Clydesdale
Auld A C R R 2 Culpch	Clydsdale	Brush Bros Cedar Spr ngs	Sh re
		Bue Angus Stayner	Hackney
		Bull I J C R R pto 1	Clydesdale
			Sh re
B			
Bazz Alfred Ed-ley	(c)	Buller J mathan Rd keton	Shire
Bayer W a O City	Clydsdale	Burgess Wellington Norwood	Clydesdale
Baker A M Rindwood	Clyde dale	Burns C A 84 L iversity Avenue Toronto	Standard
Baker Wul I H ation	Sh re	Burns J hn J 391 Herkley Street Toronto	Sh re
Bakker Albert Hlaton	Clydsdale	Burr Chas Lau bton	Sh re
Baldwin C Charles H Edinburgh	Clydsdale	Burr J F Wabano	Sh re
Baldwin C A Canboro	Sh re	Burr Thos Bridlen	Shire
Baldwin J I R R 2 Markhat	Clydsdale	Burrell I Bra npton	Shire
Barnes W Sarn a	Sh re	Butler W I Ingersoll	Hackn y
Barnes T F Renfrew	Shan far I		
Bartlam C H R R 2 Oro Station	Clydsdale		
Barrett Am b Laid W R R 5 Park Hill	(c)	Callenler Jas North Gower	Shire
Barrett Charles J Park Hill	Standard	Campbell A H Berlin	Hackney
Bartm Thos W R R 2 Roushoush Street Toronto	Clydsdale	Campbell R C K H tston	Clydesdale
Baxter George Brockton Station	Standard	Campbell D A A Brantford	Thoroughbred
Ba T C Central Chambers Ottawa	Clydsdale	Canadian Rac ng Ass Imperial Bank Bldg Toronto	Thoroughbred
Bates Bro a Oakb le	Thoroughbred	Carmanah I H Box 114 Meaford	Clydsdale
Bat Jay Wesley R R 1 Hattsville	Standard	Carroll I M Carls Ritz Hotel Toronto	Sh
Batty W J R R 1 Franklin	(t)	Carson S Clanton	Sh
	Ha kny	Carson T A Kingston	Ha kny
	Clydsdale	Castals Robert R R 1 Fenella	Clydsdale
	Sh re	Caser R C 243 King Street East, Toronto	Clydsdale
	Standard	Cass Allen 42 Warren Road Toronto	Thos chbred
	Sh re	Catherwood George C Kbridge	Clydsdale
	Standard	Catson I C R R 2 Brampton	Clydsdale
	Sh re	Chartm n S J Springfield	Sh re
	Standard	Chesler R C Hespeler	Per hony
	Clydsdale	Christenson Chas J Huntsville	Ha kny
	Clydsdale	Christie Grant Manchester	Clydsdale
	Ha kny	Christie Peter Manchester	Clydsdale
	Sh re	Clan ey F B Culpch	Thos chbred
	Shire		Hackn y
	Clydsdale		Sh re
	Clydsdale	Clark Alexander Dutton	Clydsdale
	Sh re	Clark C I R R 2 Bradford	Sh re
	Sh re	Clark Joseph Haverhill	Sh re
	Clydsdale	Clarkson Wm am Highfield	Clydsdale
	Clydsdale	Clay n C W Son Grand Valley	Thos chbred
	Hack n	Cloland W D 600 Ardillon Avenue Ha nton	Clydsdale
	Clydsdale		Clydsdale
	Clydsdale	Cloland W B Troy	Clydsdale
	Sh re	Clonens Perry F R R 2 St George	Standard
	Hackney	Clowers n Richard R R 2 Markhat	Clydsdale
	Ha kny	Clre n W A Hra pton	Standard
	Hackney	Clr ap n J Fred Is 391 Mt Hill	Clydsdale
	Clydsdale	Clr ap n Wm Mt Hill	Clydsdale
		Clr n Thos R R 1 Elyth	Clydsdale

Name and Address	Breed	Name and Address	Breed
Comfort, Frank, Sheddon	Shire	Foster Bros. Herford	Shire
Connaught Park Jockey Club 125, Sparks, Ottawa	Thoroughbred	Francis, J. A. Pakenham	Clydesdale
Conner, Matthew, Avonlea	Shire	Fraser, A. J. Lawrence Station	Shire
Cooke, Fred B. Fonthill	Clydesdale		
Cooke, L. L., c/o Dominion Live Stock Commissioner Ottawa	Clydesdale	G	
Corbett, William L. & Sons, R.R. 2, Ailsa Craig	Clydesdale	Calbraith Bros., Orangeville	Shire
Corp. Walred, R. R. 6 Woodstock	Clydesdale	Callaway, Jas. W. Courtwright	Shire
Cort, George H. & Son, Fairfield East	Shire	Carbutt, Fred, Milton	Clydesdale
Cosby, C. E., Pitham Union	Shire	Garbutt W. H. Dunn	Shire
Coulter Bros., Port Perry	Clydesdale	Gardhouse C. N. Humber	Shire
Coulter, John W., R.R. 1 St. Thomas	Hackney	Gardhouse H. A. Highfield	Shire
Courtney A. C. & Son, Pickering	Clydesdale	Gardhouse J. M. Weston	Clydesdale
Coutts, Donald D. R.R. 2, Bradford	Clydesdale		
Coutts, R. D. Holburn	Ha kney		
Cowan, Alex. R.R. 1 Donalds	Clydesdale	Gardhouse John & Sons, Halden	Shire
Cowen, R. W. R. 7 York Road Toronto	Thoroughbred	Gardhouse John & Sons, Weston	Ha kney
Cowen, J. B. & Sons, Queensville	Thoroughbred	Gavin, J. F. c/o W. A. McCullagh 900, Queen Street West Toronto	Standard
Cox H. C. 46 King Street W. Toronto	Thoroughbred		
Cox Herbert R.R. 5, Watford	Clydesdale	Gearr, Bros. London	Shire
Cox Oscar R. R. 1 Lenoireville	Clydesdale	Gibson T. G. & H. Denfield	Clydesdale
Cox Estate of T. A. Bradford	Hackney	Gilkins, Harry, Oakville	Thoroughbred
Coyle Patrick Auld	Shire	Giffin, J. Hector, J. R. 2 Brookville	Standard
Crawford A. G. Leno	Percheron	Gistfort, Charles, Mount Forest	Clydesdale
Crawford Bros. R.R. 1 Agincourt	Clydesdale	Glassco, F. 27 Sandwich Street W. Windsor	Thoroughbred
Crech, Jos. Lambton Mills	Hackney	Gleeson, J. C. J. 194 Clarence Street Ottawa	Thoroughbred
Crew, C. A. R.R. 2, Scarborough	Thoroughbred	Glover W. F., Fingert	Shire
Crewson, L. R. R. 2 Arthur	Clydesdale		
Crewson, Frank R. R. 2 Arthur	Clydesdale	GOOD CAPT THOMAS, Nepean, Richmond	Clydesdale
Crossen W. R. Cobourg	Standard	Goodfellow Bros. R. R. 3 Bolton	Clydesdale
Crow, T. A. 140 Leary Avenue Toronto	Thoroughbred	Goodson, Thos. Hellar	Shire
Crowe, William, Canamora	Clydesdale	Goodson, W. T. Garna	Standard
Cruickshank, James, R.R. 1 Erin	Clydesdale	Goulden, Arthur, Gatham	Clydesdale
Culham Nelson R.R. 5, Galt	Clydesdale	Gowles, A. C. Unionville	Clydesdale
Cunningham, A. 342 Delaware Avenue Toronto	Standard	Gott, Forbes, Epping	Clydesdale
Cunna, Michael, Burnley	Clydesdale	Gouldland, John, Humber	Shire
Curran, J. W. 341 Crawford Street Toronto	Standard	Gould, J. J. Markham	Clydesdale
Cushing, Jas. Devonport	Shire	Graham, R. Clarendon	Clydesdale
		Graham, Robert, Prince George H. tel. Toronto	Ha kney
		Graham, T. A. Clarendon	Clydesdale
		Graham, William, Clarendon	Clydesdale
		Gray, Joseph & William R.R. 1 Huth	Clydesdale
		Gray, F. T. St. Mary Creek	Standard
		Greenwood, John 1125, Queen Street East Toronto	Thoroughbred
		Greene, James, G. Rosemeath	Clydesdale
		Grieve, William, Gred ton	Clydesdale
		Griffith, W. I. Hazelack	Clydesdale
		Groat, W. M. R. 4 115 Mt. Forest	Clydesdale
		Groch, W. H. Stratford	Standard
D		H	
Dale & Daniel, King	Thoroughbred	Haas Bros. R.R. 1 Leno	Percheron
Darling, John, Bradford	Clydesdale	Hagarty, Michael, Hurdon	Clydesdale
Davidson, Geo. & Son, Cherrywood	Clydesdale	Hahn, Henry, Leno	Clydesdale
Davidson, Robert C. Markham	Clydesdale	Haley, Ernest, R.R. 1 Prescott	Clydesdale
Davidson W. L. Meafowale	Clydesdale	Hall, Thomas, Brookville	Clydesdale
Davies, Geo. Broadview Avenue Toronto	Thoroughbred	Hall, Arthur, R.R. 2 Humber	Clydesdale
Davies, R. W. 72 Dunvegan Road Toronto	Thoroughbred	Hallett, W. J. Markham	Shire
Davies, R. W. Todorden	Ha kney	Hanley, Arthur, Humberburg	Shire
Decher, John, Junr. R.R. 3 Zurih	Standard	Hart, H. Henry, Humberburg	Shire
Dennis, James, A. 10 Ma Donnell Street, Toronto	Clydesdale	Hart, J. J. Humberburg	Shire
Dickson, W. Angus R.R. 1 Alton	Clydesdale		
Dixon, J. J. 311 Toronto on Truitts Bldgs. Toronto	Thoroughbred		
Doune, Jos. H. 30 Isabella Street Toronto	Thoroughbred		
Doherty, Hugh, Warboro Junction	Clydesdale		
Doherty, W. M. Milton	Clydesdale		
Dolson, A. J. Clitham	Shire		
Don, Alda, Leno & T. J. T. Leno	Clydesdale		
Douglas, John, St. Marys	Shire		
Dowling, Austin, Norva	Clydesdale		
Drury, Frank, Charing Cross	Shire		
Drury, R. H. Charing Cross	Shire		

Name and Address	Breed	Name and Address	Breed
Norton R J Owen Sound	Clydesdale	Sherwood Thompson Zimmerman	Shire
Norton Thomas G Locust Hill	Clydesdale	Shirley O van Albertyn	Clydesdale
O		Shirley O van Albertyn	Clydesdale
Oak Park Stock Farm Co Ltd Brantford	Hackney	Shirley O van Albertyn	Clydesdale
Oakly William Sutton West	Clydesdale	Shirley O van Albertyn	Clydesdale
O'Brien & Ireland Laskay	Shire	Shirley O van Albertyn	Clydesdale
O'Brien T R Pombony	Shire	Shirley O van Albertyn	Clydesdale
O'Donnell John Rothsay	Clydesdale	Shirley O van Albertyn	Clydesdale
O'Neil Arthur I & Sons Denfert	Clydesdale	Shirley O van Albertyn	Clydesdale
Ormonston W George R R 2 Burketon Station	Clydesdale	Shirley O van Albertyn	Clydesdale
Ormonston W J R R 2 Burketon Station	Clydesdale	Shirley O van Albertyn	Clydesdale
Ormsley R J Shelburne	Clydesdale	Shirley O van Albertyn	Clydesdale
Oster Charles Ca ro	Hackney	Shirley O van Albertyn	Clydesdale
P		Shirley O van Albertyn	Clydesdale
Page S dney Toronto	Hackney	Shirley O van Albertyn	Clydesdale
Palmer J W 780 Palmerston Avenue Toronto	Standard	Shirley O van Albertyn	Clydesdale
Parker Thomas & Son Camilla hie	Shire	Shirley O van Albertyn	Clydesdale
Patterson Bros Ag ncourt	Standard	Shirley O van Albertyn	Clydesdale
Patterson Bros M H Brook	Clydesdale	Shirley O van Albertyn	Clydesdale
Patterson Charles Bellamy	Shire	Shirley O van Albertyn	Clydesdale
Patterson D J & Sons Clarksburg	Clydesdale	Shirley O van Albertyn	Clydesdale
Patton Chas Dundasville	Shire	Shirley O van Albertyn	Clydesdale
Peacock J T Woodbridge	Clydesdale	Shirley O van Albertyn	Clydesdale
Pearson W & Son Hamilton	Shire	Shirley O van Albertyn	Clydesdale
Peart C O Hagersville	Percheron	Shirley O van Albertyn	Clydesdale
Peidden Arch r R R 6 Strathroy	Percheron	Shirley O van Albertyn	Clydesdale
Penny F W Talbotville	Shire	Shirley O van Albertyn	Clydesdale
Pepper George 2nd Huron Street Toronto	Clydesdale	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Hackney	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Hackney	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Hackney	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Hackney	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Hackney	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Hackney	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Hackney	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Percheron	Shirley O van Albertyn	Clydesdale
	Shire	Shirley O van Albertyn	Clydesdale
	Clydesdale	Shirley O van Albertyn	Clydesdale
	Standard	Shirley O van Albertyn	Clydesdale
	Hackney	Shirley O van Albertyn	Clydesdale

Prince Edward Island Cattle Breeders

Name and Address	Breed	Name and Address	Breed
Aitken William Lower Montague	Ayrshire	McFarlane John F., R R 3, Marshfield	Ayrshire
Andrew John Charlottetown	Ayrshire	McIsaac, P. A., R R 3, Souris	Ayrshire
Anneer George, R R 7, Montague	Ayrshire	MacLean C. D. & Son, Clyde River	Ayrshire
		MacLean, Murdoch North Wiltshire	Jersey
Barr, John, R R 6, Charlottetown	Ayrshire	MacMillan Ernest, Charlottetown	Ayrshire
Boswall George L., French Fort	(sp) Ayrshire	Macnutt, D. P. Malpeque	Shorthorn
Bryanton, Preston Rollo Bay West	(s) Holst Friesian	McRae, A. & Son, Charlottetown	Ayrshire
		Matheson, George P., Wheatley River	Ayrshire
		Moase, W. A., Kensington	Ayrshire
Cairns F. L. Freetown	Ayrshire		
Cairns R. Louis Freetown	Ayrshire	Newson, Burgess H., Kingston	Ayrshire
Clark Wm. North Wiltshire	Jersey		
Coles Reagh, New Wiltshire	Ayrshire	Prowse, Willard, Charlottetown	Ayrshire
Dollar F. C. New Wiltshire	Ayrshire	Reid, Edwin, Rollo Bay	(f) Ayrshire
Duffett Elmer Highfield	Ayrshire	Roberts Athol Hushfield	Ayrshire
		Rodd John, Milton	(s) Ayrshire
Easter, Edgar R R 1 North Wiltshire	Jersey	Rodd T. A. & Sons Milton	Ayrshire
Easton Bros., Charlottetown	Ayrshire	Rodd Wallace, Milton	Ayrshire
Ferguson, C. T., R R 2 Little York	Ayrshire	Saunders & San lerson Market Bldg., Charlottetown	Hereford
		Schurman Howard Central Bedouin	Jersey
Glydon, Frank & Son Kensington	Jersey	SIMMONS BROS., Box 435, Charlottetown	Ayrshire
Gregor, Walter M. Brackley Beach	Ayrshire	Stewart Robert Winsloe Station	Ayrshire
Gurney Milton Charlottetown	Ayrshire	Storey, Harold, Winsloe	Ayrshire
Gurney, Unsworth, Charlottetown	Ayrshire		
		Thompson John R. Dunstaffnage	Ayrshire
Haslam, George L., R R 1, Breadalbane	Jersey	Walker, Arthur, Charlottetown	Ayrshire
Hayden & Jenkins Vernon Bridge	Hereford	Walker, Clarence, Charlottetown	Ayrshire
Hayden, Lewis Cherry Valley	Hereford	Walker, Emmett Charlottetown	Ayrshire
Jenkins J. S. Charlottetown	Shorthorn	Yunker, William R., R R 6, Charlottetown	Ayrshire

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Agriculture, Dept. of, Charlottetown	(p) Cheviot	Nunn, Cephas, Winsloe Road	Hampshire
Boswall, Albert Summerside	(sp) Oxford Down		
Boswall George L., French Fort	Shropshire	Reid Wm., R R 3, Charlottetown	(c) Shropshire
Boswall S. L., R R 1 Lot 49, Pownall	Leicester	Rodd, T. A. & Sons Milton	
Bryanton, Preston, Rollo Bay West	(c) Cotswold		
Laird J. M. & Son, Kelvin Grove	Oxford Down	Saunders, Oliver C., Winsloe Road	Southdown
		Stewart, S. C. & Son, R R 3, Dunstaffnage	Leicester

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agriculture Dept. of, Charlottetown	(s) Yorkshire	Keppoch Farm Box 2-0, Charlottetown	Yorkshire
Andrews, Ashford, North Milton		Lane, Samuel C., Pownall	
Balderson & Sons, Howard, N. Wiltshire	(h) Yorkshire	McGregor W. H., Central Lot 16	Yorkshire
Boswall Almon, Dunstaffnage	(es) Yorkshire	McLeod John A., Primrose	
Boswall George L. French Fort	Yorkshire	MacNeil Reg. B., North Rustico	
Brodie Peter Little York	Hereford		
		Poole J. Leslie Lower Montague	
Clay, C. B. Bridgetown	Yorkshire	Prowse W. E., Brackley Point Rd	(c) Yorkshire
Cook, W. H. P., Little York	Yorkshire		
		Reid Edwin Rollo Bay	Yorkshire
		Rodd Hammond Winsloe	
Halliday, Frank, Newton Cross	Yorkshire	Stewart Bros. Mureay River	Yorkshire
Houston, Ernest Hunter River		Stewart, Leigh, Harrington	
Hurry Henry R R 1 Charlottetown	Yorkshire		
Hyde Harry M., Cornwall		Vessey, E. J. Little York	Yorkshire

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Boswall Almon Dunstaffnage	(p) Hackney	Pointer Cyrus Charlottetown	Percheron
Crosby J. Heber, Marshfield	Clydesdale		
Crosby W. W. Cornwall	Clydesdale	Robertson Duncan North River	Standard

Quebec

Cattle Breeders

Name and Address	Breed	Name and Address	Breed
A		B	
Agriculture, School of Ste Anne de la Pocatiere (sp)	Ayrshire	Berthiaume Delphis St Pierre Baptiste Megantic	Ayrshire
Agriculture, School of d Oka La Trappe Deux Montagnes (sp)	Friesian	BERTAUD PROULX St-Leonard	Ayrshire
Aldrich A H, R R 2 Lennoxville	Jersey	Berube Zenon St Donat Rimouski (sp)	Ayrshire
Aldrich F J Lennoxville Sherbrooke	Jersey	Besner Hector Vaudreuil	Brown Swiss
Alexander J Lee Richmond	Jersey	Bessette Olivier St Edwige	Ayrshire
Allard J St Roch L Achigan L Asson pton (sp)	Ayrshire	Bettez J H Trois Rivières	Jersey
Antel Alfred Louis St Lamphile L Islet (p)	Ayrshire	Bugacovich Jean Baptiste Lac Beauport	Jersey
Anderson William L Howick Station	Ayrshire	Bunning D W Sutton Junction Browie	Ayrshire
Archambault Edmond St Paul L Ernate	Ayrshire	Buron Lucien Lothbiniere	Ayrshire
Archibault Horace St Denis River K. helieu	Ayrshire	Busa Ilon Alexis Ste Helene de Bagot	Jersey
Armstrong Joseph C, R R 2 St Gabriel de Brand n (sp)	Friesian	B op F J R R 5 Coaticook	Jersey
Arnold J L & Son Grenville	Ayrshire	Bishop Percy F Coaticook	Jersey
Arpin Arthur St Ours	Friesian	Black J H Lachute	Ayrshire
Arthur Robert A R R 2 Huntin don	Friesian	Blais Guillaume R R 2 Bromptonville	Ayrshire
Ashby Felix I Sturville Rouville	Ayrshire	Blanchet Nathaniel Arthabaska	Ayrshire
Ashmar Edward Ayer's Cliff	Ayrshire	Bost Louis Joseph St Jean Port Joli L Islet (sp)	Ayrshire
Ashman Ralph Ayer's Cliff	Jersey	Bouvier Damus R R 2 Valcourt	Jersey
Ashton Lyle Warden	Jersey	Bovin Alfred Roberval Lac St Jean	Ayrshire
Ashton W Hro Waterloo	Friesian	Bovin Theophile St Hubert	Ayrshire
Atkinson Henry R Pointe St Louis	Friesian	Bolduc Augustin Le Rocher Beauce	Ayrshire
Au laire Octave St Leger	Ayrshire	Bollic Odilon St George de Windsor	Ayrshire
Audet Gerard Con pton	Ayrshire	Bollic Remi Le Rocher Beauce	Friesian
Audet Napoleon Con pton	Ayrshire	Bonin I Ste Lisabeth Joliette	Friesian
Audet Elbert Con pton	Ayrshire	Booth C John Warden	Ayrshire
Aunais Honore St Polcarpe	Ayrshire	Boricht C S Sorelburg	Ayrshire
Avis Cle d Yamaska La Term e St Hyacinthe	Ayrshire	Bouchard Charles Grand Bale	Ayrshire
Ayers John T Lachute	Hereford	Bouchard Ernest L A & Sons St Valentin	Ayrshire
		Bouchard Philias Johnville	Ayrshire
		Boucher Joseph Trois Poutles	Friesian
		Boucher Paul Boucherville Chambly	Ayrshire
		Boudreau Adolard St Joseph d Alma	Ayrshire
		Boudreau Adjutor Beaux Vois	Jersey
		Bouffard Jos Ayer's Cliff	Ayrshire
		Bourdeau Harvey Aubrey	Ayrshire
		Bourgoin J A Tiquaque	Ayrshire
		Boutet Chas Victoria Be	Ayrshire
		Bouthillier Omer Martonville	Ayrshire
		Bouvier Arthur St Antoine River Richelieu	Ayrshire
		Brown Albert F R R 1 Hiley	Ayrshire
		Brown H L Ayer's Cliff	Ayrshire
		Bowker Andrew Warden	Ayrshire
		Boyd Hugh R R 2 Arundel	Ayrshire
		Boys Farm & Training School The Transportation Building Montreal	Ayrshire
		Bradford W F, R No 5 Lachute Argenteuil	Ayrshire
		Bradford Gustave St Urban de Chateauguay	Ayrshire
		Breault J H Sorelburg	Ayrshire
		Brown Eugene St Paul d Ernate	Ayrshire
		Brodersky J T Hillhurst Compton	Ayrshire
		Brodeur J L St Ceasre	Ayrshire
		Brodeur R H Lachute	Ayrshire
		Brodeur Joseph St Anne	Ayrshire
		Brown B W R R 2 Ayer's Cliff	Ayrshire
		Brown Bros Barrington	Ayrshire
		Brownlee R T, R R 2 Herve Angad	Ayrshire
		Brown Archie A R R 2 Huntin don	Ayrshire
		Brown J Ernest Ste Sophie de Megantic	Ayrshire
		Brown Paul & Son Beland Lake	Ayrshire

Name and Address	Breed	Name and Address	Breed
Proulx E Fortunat Delagrave Montmagny	Ayrshire	Slack Bros Waterloo	Jersey
Proulx Leopold St Ours	Ayrshire	Smith Laurence A Sutton	Ayrshire
Pudhomme Jos Ferme-Neuve Labelle	Ayrshire	Smith S F R R 3 Lachute	Ayrshire
Purd J Harley Waterloo	Ayrshire	Solomon W J Kingsbury	Ayrshire
Pye C Herbert & Son R R South Durham	Ayrshire	Sorel Alexandre Village & Chel eu	Ayrshire
Q		Sorel Alexandre Village & Chel eu	Ayrshire
Quessy Trefle Amos	Ayrshire	Spruce Estate of L L Irrelig burg	Ayrshire
Quilliams Orval P Foster	Ayrshire	Stanish C E Magog	Brown Swiss
Quintan Ephrem Mont St Gregoire	Ayrshire	Stark Andrew R R 2 Huntingdon	Ayrshire
R		Stark T B R R 2 Huntingdon	Ayrshire
Rainville Isidore St Prime Lac St Jean	Ayrshire	Stephen W F Huntingdon	Ayrshire
Rainville Leon St Prime Lac St Jean	Ayrshire	Stewart James D Howick	Ayrshire
Raisy the Rem St Norbert	Ayrshire	Stewart James T Howick	Ayrshire
Raymond J B St Sebastien	Ayrshire	Stewart Norman O R R 1 Hemmingford	Ayrshire
Raynauld Roger Valchuse	Ayrshire	Stewart Sydney Howick	Ayrshire
Reddch R Aubrey	Ayrshire	Stewart T A Hemmingford	Ayrshire
Reeves George Calumet	Ayrshire	Stewart W T Howick	Ayrshire
Reid Theophile de Gamaison	Ayrshire	Stone Bros Bromme	Jersey
Remley Walter Ormstown	Ayrshire	Stowell Hugh R R 1 St An cet	Ayrshire
Renaud Edmond St Augustin Two Mountain	Ayrshire	Strange A C East Farnham Bromme	Jersey
Rennie Bros R R 2 Huntingdon	Ayrshire	Strang H J East Farnham Bromme	Ayrshire
Reynolds Llewellyn South Roxton	Ayrshire	Strong Will an C R R 2 West Bromme	Ayrshire
Richardson D D Ayer's Cliff	Ayrshire	Swanson I ester Waterville	Ayrshire
Ride Charles W Matawampi	Ayrshire	Sweet Fred A R R 1 Hemmingford	Ayrshire
Ride Thomas Ayer's Cliff	Ayrshire	Symons James St Louis de Gonzague	Ayrshire
Roux Alex J Macam de Pont ac	Ayrshire	T	
Roux Jean St Arsenne Temiscouata	Ayrshire	Taber E D R R 1 Kingsbury	Ayrshire
Roch Joseph L Assomption	Ayrshire	Taber H M Cowansville	Ayrshire
Roch Theodore L Assomption	Ayrshire	Taber P W East Farnham Bromme	Jersey
Rochard Donat Chateaux de Bagot	Ayrshire	Talbot Alexander & Sons R R 3 Warden	Ayrshire
Roberts J P St Pierre d'Orleans	Ayrshire	Talbot Leno Truiss Saumons L Isles	Ayrshire
Robertson M Ormstown	Ayrshire	Talbot Laurent R R 1 Brompsbury Ile	Ayrshire
Robertson Adam R R 1 Bringham	Ayrshire	Taylor Arthur H Athelstan	Ayrshire
Robinson A R R 1 Granby	Ayrshire	Taylor J A Ormstown	Ayrshire
Roe Bros Sutton	Ayrshire	Taylor W A Woodside Farm Cooks re Compton	Brown Swiss
Roe Bros F E M Upper Melbourn	Jersey	Terkey Joseph R R 2 Henryburg	Ayrshire
Roch O St Norbert	Ayrshire	Therrien Clement St Francois Xavier de Brompsbury	Ayrshire
RODGER, CHARLES R R 1 Lachute	Ayrshire	Thibault Onésime R R 3 Ste El zabeth	Ayrshire
Rodger Walter R R 5 Ormstown	Ayrshire	Thibault Hermal St Felix d Ot s Ch cotium	Brown Swiss
Rodger W L R R 2 Lachute	Ayrshire	Thibault, S mon Grande Baie	Ayrshire
Rosewar M J R R 1 Athelstan	Ayrshire	Thibault Dostie St E tienne de Beauchamps	Ayrshire
Ross Jas A L Bor 1370 Montreal	Ayrshire	Thompson C A Saucerville de Champlain	Brown Swiss
Rouleau Alphonse East Broughton	Ayrshire	Thompson W T R R 2 Arundel	Ayrshire
Rousseau Jacques Gould Stat on	Ayrshire	Thompson J L Coalbrook	Jersey
Rousseau R A Acton Vale Bagot	Ayrshire	Todd J G Mor n Heights Argenteau l	Ayrshire
Roux Henry Danville	Jersey	Todd John L Sennerville	Ayrshire
Roy C & F Is St Germain Bellechasse	Ayrshire	Todd W Llan R R 1 Lachute	Ayrshire
Roy Al d St Germain	Ayrshire	Tory James ego Sun Life Assurance Co Montreal	Ayrshire
Roy Dade St Rose de Watford Dorchester	Ayrshire	Toup n J E St Isidore Lapra ire	Ayrshire
Roy Day d H de Bellechasse	Ayrshire	Toup n Pierre Notre Dame de Ham	Ayrshire
Roy Delphs West Broughton	Ayrshire	Tourigny John Beaucourt	Ayrshire
Roy Eustache S Germain	Ayrshire	Tousgrat Noe St Pierre les Becquets	Ayrshire
Roy Philippe Armagh	Ayrshire	Treacy Joseph Knowlton	Ayrshire
Roy Robert J Howick	Ayrshire	Tremblay Arut de St Joseph d Alma	Ayrshire
Royes A W Knowlton	Jersey	Tremblay Auguste Grande Baie	Ayrshire
R R F P Mar stes Notre Dame de Levis	Ayrshire	Tremblay Joseph Grande Baie	Ayrshire
R R F P Mar stes Notre Dame de Levis	Ayrshire	Tremblay H type Auguste Grande Baie	Ayrshire
R R S S Soeurs de Not e Dame du Perpetuel Secours, St D mien de Bu klant	Ayrshire	Tremblay Raoul Grande Baie	Ayrshire
Ruddick John M R R 1 Huntingdon	Ayrshire	Tremblay Romuald St Edouard de Caprieville	Ayrshire
Ruiter Chas & Sons Cowansville	Jersey	Tremblay Themi Grande Baie	Ayrshire
Ryan W Llan P Hemmingford	Ayrshire	Trenette Samuel Pont Rouge Portneuf	Jersey
S		Trepanier Lucie Ch	Ayrshire
St Cyr J Omer Nicolet	Ayrshire	Trinquet Monse Ste Brignede d Itherville	Ayrshire
St Pierre Charles St I e Bagot	Ayrshire	Trudel Joseph P St Prosper	Ayrshire
Salomon Marcus C Kingsbury Richmond	Ayrshire	Trudel St chel St Stanislas de Champlain	Ayrshire
Sandborn A J South Roxton	Ayrshire	Tully W C Athelstan	Ayrshire
Sandborn John C South Roxton	Ayrshire	Turcotte Arthur J St Isidore Dorchester	Ayrshire
Saunders D J Bury	Ayrshire	Turcotte Henri St Paul Lerm re	Ayrshire
Sauvage Ernest R R 1 Adamsville	Ayrshire	Turgeon Joseph St Ansel ne	Ayrshire
Scales L A Box B Cookshire	Ayrshire	V	
School rail L L Massawippi	Jersey	Valleire Louis Ayer s Cliff	Ayrshire
Scott M C Sweetbriar	Ayrshire	Valleire Nap & Sons Ayer s Cliff	Ayrshire
Scully V S Knowlton Bromme	Ayrshire	Valleire Samuel Ayer's Cliff	Ayrshire
Seed Walter R R 2 St Chrysostome	Ayrshire	Valleire Arsene St Barthelien l	Ayrshire
Sennarue de Quebec, Quebec City	Ayrshire	Vanad L V Claurville de Bagot	Ayrshire
Sennarue de St Hacinthe St Hacinthe	Ayrshire	Verelle Maurice Victoria ville	Ayrshire
Sennarue de St Sacre Coeur St cloc de Tring	Ayrshire	Vett e M A Granby Sherford	Jersey
Servigny Francois R R 1 H thurst	Ayrshire	Viens J A St Cesaire	Ayrshire
Servigny N H thurst	Ayrshire	Viennots Gaspard Ste Sophie de Megantic	Ayrshire
Sheppard Chas & Knowlton Bromme	Jersey	Vitale W E Cowansville	Ayrshire
Short Geo E Dutton Massawippi	Jersey	Vincent Arthur Grande Baie	Jersey
Shutle Rupert East Farnham	Ayrshire	Vit e M A Granby	Ayrshire
Smand Albert Grande Baie	Ayrshire	Viet Bros Van Laroile	Ayrshire
Smand Herbertville Grande Baie	Ayrshire	W	
Smand J L Hibernia Station	Ayrshire	Wadey Mrs Celma A 107 Marlboro Ave Montreal	Ayrshire
Smand Joseph Grande Baie	Ayrshire	Walbank W McLes St Agathe des Monts	Jersey
Smand Joseph St Felix d Ot s	Ayrshire	Walker E Lachute Farm Lachute Argenteau	Ayrshire
Smand Philippe Grande Baie	Ayrshire	Walker Stewart R R 1 Lachute	Ayrshire
Smand Thomas Grande Baie	Ayrshire	Wallace H C Waterloo	Ayrshire
Smit Earl G R R 1 Kingsbury	Ayrshire	Wallace J M R R 1 Athelstan	Ayrshire
Soer Waldo W 117 St James Street Montreal	Ayrshire	Wallace, Walter M Warden	Ayrshire
		Wason, Alex W Waterloo	Ayrshire
		Watson, T D Scotland	Jersey

Do we and Address	Breed	Name and Address	Breed
Wells J W Maple St. et al	Jersey	Wilson Frank N R.R. Danville	Jersey
Wells J L Woodford	Jersey	Wilson J C, Lacelle	Ayrshire
Wells J L Woodford	Ayrshire	Wyle W C Hewick	Ayrshire
West C. H. Woodford et al	Jersey		
West J L Woodford	Ayrshire	Y	
West J L Woodford	Ayrshire	Young Alfred A Watrous	Jersey
West J L Woodford	Jersey	Young C I Clarenceville Mississippi	Jersey
West J L Woodford	Jersey	Young M H Clarenceville Mississippi	Jersey
West J L Woodford	Jersey	Young Thomas Oak Bay Mills Bonaventure	Ayrshire

Sheep Breeders

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Name and Address	Breed	Name and Address	Breed
H		P	
arnson Georges Matane	Oxford Down	Parnell J J Lennoxville	(cp) Leicester
ays Clarence Shawville	Oxford Down	Patterson Joseph C Ste Anastase	(c) Shropshire
etu Albert St Sulpice	Shropshire	elletier Auguste RR 2 Roberval	Shropshire
etu Awildas St Sulpice	Hampshire	elletier Fphrem Lavalline	Oxford Down
etu Philippe St Sulpice	Oxford Down	errea St Delphis St Edouard de Rampton	Shropshire
unt W E, Ayer & Cliff	(c) Shropshire	errier Alexandre Chamby Bassin	(cp) Cotswold
J		Pibus John H Knowlton Brome	Shropshire
albert Amédée St Denis River Richelieu	(p) Leicester	iche Damase St Janvier Carleton Place	(p) Oxford Down
ulen H St Leon	(c) Oxford Down	Piche Oscar Ste Gertrude	Leicester
aneau Joseph Ste Lrville	(p) Oxford Down	Pomerleau Omer Beauceville Ouest	(p) Hampshire
K		Poulin Eude, Lotbinière	Leicester
Kivouac, Noe St Pierre Montmagny	(p) Oxford Down	Poulin Evangeliste St Georges	(p) Hampshire
L		Poulin H, St Victor de Tring Beauce	(p) Leicester
able F N, Victoriaville Arthabaska	(cp) Leicester	Poulin J Alfred St Come Lincote	(p) Hampshire
abrie Louis St Cyrille	(cp) Oxford Down	Pouliot Gaudios St Michel de Bellechase	Oxford Down
acasse Georges St Henri de Levis	Oxford Down	Proulx Charles St Lrville	Shropshire
achasse Armand St Thurbie	Leicester	Proulx J A Richmond	Leicester
achapelle E P St Paul Ermete	Leicester	Provencher Edmond St Felix de Kingsey	(p) Leicester
achapelle Napoleon St Paul Ermete	(c) Leicester	Provencher J A Ste Sophie de Magantic	(p) Leicester
achapelle Paul U St Paul Ermete	(p) Oxford Down	Q	
Lacroix Caus Boyer	(p) Oxford Down	Quain John Inverness	Leicester
Lafrère Gaspard St Ambrose	(p) Oxford Down	R	
Lagece Elphège St Hyacinth	Oxford Down	Rabou Georges Compton	Oxford Down
Lamontagne Alyre Ste Rose de Watford	Shropshire	Rabou Joseph St Leon	Oxford Down
Lamoureux Aug, Laquette	(p) Oxford Down	Roux Joseph Tring	Oxford Down
Lamy J Leo Yamachiche	Oxford Down	Rivard Donat Clairvaux de Bagot	(cp) Oxford Down
Laneville Edmund RR 2 Maddington Falls	Leicester	Robb M T Huntingdon	Oxford Down
Laneville Paul St Sylvere	Leicester	Roberts J P St Pierre d Orleans	(c) Leicester
Laurin Romeo St Hermas	Cheviot	Robinson James R R 1 Inverness	Leicester
Lavallée Apollus Berthier-en haut Berthier	(cp) Leicester	Rodrigue D Compton	Shropshire
Lavallée J A RR 2 Berthier-en haut	(p) Shropshire	Rodrigue M Compton	Oxford Down
Lavoie Romaine Sacre Coeur	(p) Shropshire	Rodrigue N N Johnville	Shropshire
Lawrence Edgar Fort Daniel Centre	(c) Oxford Down	Rose L C Sherbrooke	Shropshire
Lebel Albert St Felix de Kingsey	Leicester	Roy Albert Garros	Shropshire
Leblanc Romeo Victoriaville Arthabaska	(c) Leicester	Roy Alexandre St Pierre Montmagny	Leicester
Lebouché Alphonse St Prime	Oxford Down	Roy Alfred St Lrville	(cp) Leicester
Leclerc Joseph St Charles de Bellechasse	Leicester	Roy Damase Ste Rose de Watford Dorchester	(cp) Shropshire
Lefebvre Chas Burchton	Oxford Down	Roy Delphis West Broughton	(cp) Oxford Down
Leith Robert J Ste Anastase	(c) Leicester	Roy Joseph R R 2 St Georges de Windsor	Oxford Down
Lefebvre Ernest St Bonaventure	(p) Oxford Down	Roy Jules St Camille	Hampshire
Lemaitre St Mayotte	Oxford Down	Roy Omer St Norbert d Arthabaska	Leicester
Lenire & Collin St André Avelin	Shropshire	S	
Lessard Adelbert St Samuel de Gayhurst	Hampshire	Ste Marie V & Son R R 2 St Anne de la Pocatière	Shropshire
Leselle Albéric St Marc Vercheres	Cotswold	St Pierre Damien St Eustache	Leicester
Lyster Archie B South Durham Drummond	(c) Leicester	Sauve Henri F St Hermas Deux Montagnes	Leicester
M		SAUVE, OMER, St Hermas Deux Montagnes	Leicester
McBane James Quyon Pontiac	Cheviot	Savignac Joseph St Elizabeth	(p) Oxford Down
McClary J A Lennoxville	(cp) Oxford Down	Sharman Clayton L Canterbury Compton	Shropshire
Macdonald College Jacques-Cartier Mardonald	(cp) Cheviot	Shaw W T St Felix de Kingsey Drummond	Shropshire
McGibbon A A Brownsburg	Shropshire	Skerry J T Trenholm	Leicester
McIver Neil D R R No 2 Scotstown	Oxford Down	Stalker Frank T Kingsbury R No 1 Richmond	Leicester
McLaren Co Ltd The James Buckinghamham	(c) Oxford Down	Strong William C R R 2 West Brome	(c) Leicester
Marroux J Adolbert Vaudreuil Station	Oxford Down	Sylvester Albain St Simon d Yamaska	(p) Hampshire
Mee W George R R 1 Shawville	Leicester	Sylvester Victor St Hyacinth	(p) Lincoln
Mercier Joseph La Durantie	(cp) Leicester	Sylvester Romeo St Simon de Bagot	Cotswold
Métairie St Jos St Hyacinth	Leicester	T	
Micaud Joseph Isle Verte Temiscouata	Oxford Down	Taylor T W Box 276 Cookshire	Oxford Down
Milot Lucien Van achiche St Maurice	(cp) Hampshire	Thouin Louis Repentigny L Assomption	Lincoln
Milot Omer E, Yamachiche St Maurice	(c) Shropshire	Toupin Levi L Acadie	Oxford Down
Milton Omer Wm G, Sweetburg	Shropshire	Toupin Pierre Notre Dame de Ham	(c) Leicester
Mitchell F L Lennoxville	Shropshire	Tourigny John Becancour	(cp) Oxford Down
Morin Bros Trenholm	Leicester	Traham Edm Yamachiche St Maurice	Lincoln
Morin J C St Casimir	Shropshire	Trahan Hector Three Rivers	Oxford Down
Morin J I Trenholm	Shropshire	Tremblay J Edgar Jonquiere	Leicester
Mulsbill M P Aylmer East	Shropshire	Trudel J D Amos	(p) Oxford Down
N		Trudel Michel St Stanislas de Champlain	(p) Leicester
Ness David T Howick	(c) Leicester	Trudel Omer St Lodger	Oxford Down
Nichols George R R 1 Greenville	(p) Leicester	True Abbott Lennoxville	Oxford Down
Nouveau C L St Jean Baptiste de Rouville	Leicester	V	
Nouveau Georges Rougemont Station	Leicester	Vadna's Anonio St Culbert	Hampshire
O		W	
Olinx A R Danville	(p) Shropshire	Williams H F Knowlton	Shropshire
P		Winger Henry Lennoxville	Shropshire
Q		Woodside J H Lennoxville	Shropshire
R		Woodward James A Lennoxville R No 4 Sherbrooke	(cp) Shropshire
S		Y	
T		Young C P Hatley	Shropshire
U		Young Wm, R R 1 Compton	Oxford Down

Albert,
John, E
Joseph

b. $\frac{1}{2}$ cupb. $\frac{1}{2}$ cup

Name and Address	Breed	Name and Address	Breed
H		P	
Harrison Georges Matane	Oxford Down	Parnell I J, Lennoxville	(cp) Leicester
Hayes Clarence, St. Sulpice			Shropshire
Hétu Albert St Sulpice	(c) Shropshire	Patterson Joseph C. Ste Anastasi	(c) Shropshire
Hétu Amidas, St Sulpice	Oxford Down	Leclerc Auguste R R 2 Roberval	
Hétu Philippe St Sulpice	Oxford Down	Leclerc Lphrem Lavallée	Oxford Down
Hunt W E, Ayer's Cliff	(c) Shropshire	Leclerc Delphis St Edouard de Frampton	Shropshire
		Leclerc Alexandre Chamby Bassin	(cp) Cotswold
			Shropshire
J		Pibus John H Knowlton Brome	Leicester
Jalbert Amédée St Denis River Richibieu	(c) Leicester	Piche Damase St Janvier Terrebonne	(p) Oxford Down
Julien H St Leon	(p) Oxford Down	Piche Oscar Ste Gertrude	Leicester
Janeau Joseph Ste Ursule	(p) Oxford Down	Pomerleau Omer Beauveville Ouest	(p) Hampshire
			Leicester
K		Poulin Ernie, Lotbinière	(p)
Kivouac, Noe St. Pierre Montmagny		Poulin J. Evangeliste St Georges	(p)
		Poulin, H, St Victor de Tring, Beauce	Leicester
		Poulin J. Alfred St Come, Lotbinière	(p) Hampshire
		Poulinot Caudios St Michel de Bellechase	
		Proulx Charles St Eustache	Oxford Down
		Proulx J A Richmond	Shropshire
		Provencher Edmond St Felix de Kingsey	Leicester
		Provencher J A Ste Sophie de Megantic	(p) Leicester
L		Q	
Labbe F A Victoriaville Arthabaska	(cp) Leicester	Quain John Inverness	Leicester
Labrie Louis, St Denis			
Lacasse Georges St Henri de Levis	(cp) Oxford Down		
Lachance Armand St Thibault	Oxford Down		
Lachapelle E P St Paul Ermitte	Leicester		
Lachapelle Napoleon St Paul Ermitte	Leicester		
Lachapelle Paul U St Paul Ermitte	(c) Leicester		
Lacroix, Caus Boyer	(p) Oxford Down		
Lafrenière Gaspard St Ambrose			
Lagace Elphège St Hyacinthe	(cp) Oxford Down		
Lamontagne Alys St Rose de Watford	Shropshire		
Lamoureux Aug. Laquette	(p) Oxford Down		
Lamiv J Les Yamachiche	Oxford Down		
Laneville Edmond R R 2 Maddington Falls	Leicester		
Laneville Paul St Sylvere	Leicester		
Laun Ronéo St Hermas	Cheviot		
	Leicester		
	Shropshire		
Lavallée Arillus Berthier-en haut Berthier	(cp) Shropshire		
Lavallée J A R R 2 Berthier-en haut	(p)		
Lavoie Ronald St Cœur			
Lawrence Edgar Port Daniel Centre	(c) Oxford Down		
Lebel, Albert St Felix de Kingsey	Leicester		
	Shropshire		
Leblanc Romeo Victoriaville Arthabaska	(c) Leicester		
Leboeuf Alphonse St Prime	(p) Oxford Down		
Leclerc Joseph St Charles de Bellechase	Leicester		
Leclerc Chas Burchton	Oxford Down		
Leith Robert J Ste Anastasi	Leicester		
Leunier J. Ernest Ste Bonaventure	(p) Oxford Down		
Leunier Joseph St Majorie	Oxford Down		
Leunier & Collin St André Avelin	Shropshire		
Lessard Adolbert St Samuel de Gayhurst	Hampshire		
Leslie Albene St Marie Vercheres	(c) Cotswold		
Lyster Archie B. St. Marie Drummond	(c) Leicester		
M		S	
McLaine James Quyon Pontiac		Ste Marie M & Son R R 2 St Anne de la Pocatière	Shropshire
McClary J A Lennoxville	(cp)	St Pierre Dam en Ste Eustache	
Macdonald College Jacques Cartier Macdonald	(cp) Oxford Down	Sauve Henri F St Hermas Deux Montagnes	Leicester
	Cheviot	SAUVE, OMER, St Hermas Deux Montagnes	Leicester
	Shropshire	Savigneux Joseph St Elizabeth	(p)
McGibbon A A Brownsburg	Oxford Down	Sharma Clayton L Canterbury Compton	Oxford Down
McIver Neil D R R No 2 Scotstown		Shaw W T St Felix de Kingsey Drummond	
McLaren Co Ltd The James Buckingham	(c) Oxford Down	Sherry J T Trenholm	Shropshire
Maroux J Adolbert Vaudreuil Stat on	Oxford Down	Stalker Frank T Kingsbury R No 1 Richmond	Leicester
Mar W George R R 1 Shawville	Leicester	Strong William C R R 2 West Brome	(c) Leicester
Martier Joseph La Durantaye	(cp) Leicester	Sylvester Albani St Simon de Yamaska	(p) Hampshire
Martine St Jos, St Hyacinthe	Leicester	Sylvester Victor St Hyacinthe	(p) Lincoln
Masaud Joseph Leduc Verte Temiscouata	(cp) Oxford Down	Sylvester Romeo St Simon de Bagot	Cotswold
Milot Lucien Yamachiche St Maurice	Hampshire		Shropshire
	Shropshire		
Milot Omer I, Yamachiche St Maurice	(c) Hampshire		
	Shropshire		
Milot Omer Wm G, Sweetburg	Shropshire		
Mitchell F R Lennoxville	Shropshire		
Morin Bros. Tremholm	(p) Leicester		
Morin J & Co St Caumie	Shropshire		
Morin J I Tremholm	Shropshire		
Mulvihill M P Aymer East	Shropshire		
N		T	
Neas David T. Howick	(c) Leicester	Taylor T W Box 2 6 Cookshire	Oxford Down
Nichols, George R H J Grenville		Thouin Louis Repentigny, L Assomption	Lincoln
Nosseau J L St Jean Baptiste de Rouville	(p) Leicester	Toupin Lévi L Acadie	Oxford Down
Nosseau Georges Rougemont Station		Toupin Pierre Notre Dame de Ham	Leicester
		Toupin John Beaucourt	(cp) Oxford Down
		Trahan Edm Yamachiche St Maurice	Lincoln
		Trahan Hector Three Rivers	Oxford Down
		Tremblay J Edgar Jonquiere	Leicester
			Oxford Down
		Trudel J D Amos	(p)
		Trudel Michel St Stanislas de Champlain	Oxford Down
		Trudel Omer St Ladger	Leicester
		True Abbott Lennoxville	Oxford Down
O		V	
Olmes A R Danville	(p) Shropshire	Vadinas Anselmo St Cathbert	Hampshire
		W	
		Williams H F, Knowlton	Shropshire
		Winget, Henry Lennoxville	Shropshire
		Woodside J H, Lennoxville	Shropshire
		Woodward James A, Lennoxville, R No 4 Sherbrooke	(p) Shropshire
		Y	
		Young C P Hatley	Shropshire
		Young Wm R R 1 Compton	Oxford Down

Name and Address	Breed	Name and Address	Breed
Wells D W Major Stanstead	Jersey	Wilson Frank A R R 3 Danville	Jersey
Wells L R, West Bromc	Jersey	Wilson J G Lacode	Ayrshire
Wells James Howick	Ayrshire	Wyle W C Howick	Ayrshire
Westover Myron, Freleighsburg Missisquoi	Jersey		
Whitcomb I J, Massachusetts	Ayrshire		
Wilkins Bros, Farnham Missisquoi	Ayrshire		
Williams Morris Foster Bromc	Jersey		
Wilsey D M Windsor Mills	Jersey		
Wilson C W R R 1 Massachusetts	Jersey		
Wilson F A, Freleighsburg Missisquoi	Jersey		

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
A			
Agriculture School of Ste Anne de la Pocatière	(cpb) Oxford Down	Corniveau Douthier Pike River	Oxford Down
Agriculture School of d'Oka La Trappe	(cp) Shropshire	Cossette Narcisse St Tite	Oxford Down
Montargis		Costello Wilfred R R 2 Richmond	Cotswold
Allard Jos St Evariste	(cp) Shropshire	Cote Hylas St Hughes Barot	Leicester
Allard Prime St Roch L Achigan L Assomption	(cp) Shropshire	Cote R L Ange Gardien Mont.orency	(cp) Oxford Down
	Oxford Down	Coulombe Aine St Fab	Cotswold
Apru Theophile St Elol	Leicester	Coutu Edouard R R 3 St Elizabeth Joliette	(c) Leicester
Armstrong Fred A Danville	(cp) Cheviot	Couture J H St Augustine Portneuf	(c) Leicester
Armstrong J C R R 2 St Gabriel de Branlon	(cp) Leicester	Couture Joseph St Paul Centre	Shropshire
Arthur Fred Knowlton	(cp) Leicester	Crowmell F R Cookshire	Oxford Down
Asselin Auguste Mont Joli		Curtis A E Stanstead	
B		D	
Bailargeon J L Weedon Wolfe	Hampshire	Delonde Joseph L Acadie	Oxford Down
Baril Napoleon Dingwick	Hampshire	Denis Armand St Cuthbert Berthier	(cp) Cotswold
Beaudon Theodule St Ludger	Oxford Down		Lincoln
Beaudon L Rban R R 1 Conpton	Shropshire	Denis Arsene St Norbert Station Berthier	(cp) Oxford Down
Beauregard Armand St Dominique de Bakot	(cp) Oxford Down		Leicester
Beauregard Charles L St Lboure	Oxford Down		Hampshire
Beauregard Damase St Hyacinthe	(cp) Oxford Down		Lincoln
Beauregard Hector St Damase	Leicester	Denis Edmour St Norbert	(cp) Oxford Down
	Shropshire		Cotswold
Beuregard Wilfrid St Damase	(p) Shropshire	Desilets Hector St Samuel Nicolet	(c) Leicester
	Shropshire	Desnoyers Stanislas St Damase St Hyacinthe	Chelvi
Belanger J J St Alexandre de ka Toura ka	Hampshire	Desrains Valerien L Acadie	Oxford Down
Bellevue Adrien La Cauchie	Leicester	Desrosiers Simon Ste Croix Lothbère	(c) Leicester
Belzil Emile St Fab en de Rimouski	Leicester	Dion Joseph Trampion	Shropshire
Bennett E 1 No 3 Lennoxville		Dionne Francois Ste Florence	(p) Oxford Down
Bennett F G R R 3 Bury	(p) Hampshire	Doré Alphonse 1 St Denis Street Three Rivers	Oxford Down
	Oxford Down	Dreux Jas A R R 4 Lachute	(c) Leicester
Bergeron Antonio Savoie	(c) Leicester	Drolet Jos St Pierre Baptiste	Leicester
Bergeron Johnny St Jean el de Horton	Leicester	Dutil Adolphe St Georges Est	Shropshire
Bernard Terroel St Bazile Le Grand			
Berube Zeno St Donat Rimouski	(cp) Leicester	Ellott H I Danville	(c) Shropshire
Bienvenue Cleophas R R 2 St Antoine	Oxford Down		Southdown
Biron Gontaire St Elphege			
Bishop C Guy 21 Rue Maug Sherbrooke	Hampshire	Experimental Farms Ste Anne de la Pocatière	Shropshire
BLEU W J St Andrews East	Shropshire	Favreau Helard St Malo d Auckland Compton	(c) Oxford Down
Blais Philibert St Ludger		Ferron Omer Yamachiche	(p) Leicester
Bois Loux Joseph St Jean Port Joli L Islet	(cp) Leicester	Fontaine Francois Notre Dame de Stanbridge	Oxford Down
Boisneau L N North Stanbridge			Leicester
Bothwell Alex C Lachute	Leicester	Fortin Alphonse Hebertville	Leicester
Bouchard Joseph St Felix d Otis	Cotswold	Foster G G Box 91 Knowlton	Shropshire
Bourassa Theodore Yamachiche St Antoine	Leicester	Fournier Alex Montmagny	(c) Leicester
Bourret Pierre Ste Elizabeth	Leicester	Fournier G F Box 243 Montmagny	Shropshire
Bourret Chas Victoriaville Arthabaska	(c) Leicester		Richmond
Bourret J Joseph Victoriaville Arthabaska	Leicester		
Boudreau J P C Tremblon Drummond	Shropshire		
Brown B W R R 2 St Coaticook			
Bule, A J A Caus, Coaticook	(cp) Cotswold		

Name and Address	Breed	Name and Address	Breed
H		P	
Harrison Georges Malane	Oxford Down	Parnell I J Lennoxville	(cp) Leicester
Hayes Clarence Shawville		Patterson Joseph C Ste Anastase	(c) Shropshire
Hélu Albert, St Sulpice	(c) Oxford Down	Pelletier Auguste R R Z Roberval	(c) Shropshire
Hélu Avelas St Sulpice		Pelletier Lphrem Lavallée	Oxford Down
Hélu Philippe St Sulpice		Perreault Delphis St Edouard de Irampton	Shropshire
Hunt W L, Ayers Cliff	(c) Shropshire	Perrier Alexandre Chamby Bassin	(cp) Cotswold
J		Pibus John H Knowlton Brome	Shropshire
Jalbert Amedee St Denis River Richelieu	(c) Leicester	Piche Damase St Janvier Cerrobonno	(p) Oxford Down
Julien H St Leon	(c) Oxford Down	Piche Oscar Ste Gertrude	Leicester
Janeau Joseph Ste Ursule	(p) Oxford Down	Pomerleau Omer Beauceville, Orest	(p) Hampshire
K		Poulin Léopold, Lotbinière	Leicester
Kivouac Noe St Pierre Montmagny		Poulin I vangeliste St Georges	(p)
L		Poulin H St Victor de Tring Beauce	(p)
Labbe T A, Victoriaville Arthabaska	(cp) Leicester	Poulin J Alfred St Come Linde	(p) Hampshire
Labre Louis St Cyren		Poulot Gaudet St Michel de Bellechase	
Lacasse Georges St Henri de Levis	(cp) Oxford Down	Proulx Charles St Fvariste	Oxford Down
Lachance Armand St Thumbe	Oxford Down	Proulx J A Richmond	Shropshire
Lachapelle C P St Paul Ermitte	Leicester	Provencher Edmond St Felix de Hingery	Leicester
Lachapelle Napoleon St Paul Ermitte	(c) Leicester	Provencher J A Ste Sophie de Megantic	(p) Leicester
Lachapelle Paul C St Paul Ermitte	(c) Leicester	Q	
Lacroix Casus Boyer	Oxford Down	Quain John Inverness	Leicester
Lafrenière Gaspard St Ambrose		R	
Lagace Elphège St Hyacinthe	(cp) Oxford Down	Raboin Georges Compton	
Lamontagne Ahyre Ste Rose de Watford	(p) Shropshire	Raboin Joseph St Leon	Oxford Down
Lamoureux Avg, Paquette	(p) Oxford Down	Roux Joseph Trois Lestoles	Leicester
Lamy J Leo Yamachiche	Oxford Down	Rivar I Donat Clairvaux de Bagot	(cp) Oxford Down
Laneville Edmund R R Z Maddington Falls	Leicester	Robb M T Huntingdon	Oxford Down
Laneville Paul St Sylvere	Leicester	Roberge J P St Pierre d Orleans	(c) Leicester
Laurin Romeo St Hermas	Cheviot	Robinson James R R I Inverness	Leicester
Lavallée Arthus Berthier-en-haut Berthier	(cp) Shropshire	Rodrigue D Compton	Shropshire
Lavallee J A, R R Z Berthier-en-haut	(p) Shropshire	Rodrigue M Compton	Oxford Down
Lavoie Rouaud Sacre Coeur		Rodrigue N N Johnville	Shropshire
Lawrence Edgar Port Daniel Centre	(c) Oxford Down	Roe L C Sherbrooke	Shropshire
Lebel Albert St Felix de Hingery	Leicester	Roy Albert Cartier	Shropshire
Leblanc Romeo Victoriaville Arthabaska	(c) Shropshire	Roy Alexandre S Pierre Montmagny	Leicester
Leboeuf Alphonse St Prime	(c) Oxford Down	Roy Alfred St Prime	(cp) Leicester
Leclerc Joseph St Charles de Bellechase	Leicester	Roy Damase Ste Rose de Watford Dorchester	(cp) Shropshire
Leclerc Chas Birchton	Oxford Down	Roy Delphis West Broughton	(cp) Oxford Down
Leitch Robert J Ste Anastase	(c) Leicester	Roy Joseph R R Z St Georges de Windsor	
Lemire I Ernest St Bonaventure	(p) Oxford Down	Roy Jules St Camille	Hampshire
Lemire Joseph St Majorie	Shropshire	Roy Omer St Norbert d Arthabaska	Leicester
Lemire & Collin St André Avellan	Hampshire	S	
Lessard Adelbert St Samuel de Gayhurst	(c) Cotswold	Ste Marie M & Son R R Z St Anne de la Pocatière	Shropshire
Louelle Albion St Marc Vercheres	Leicester	St Pierre Damien St Eustache	Leicester
Lyster Archie B, South Durham Drummond	(c) Leicester	Sauve Henri F St Hermas Deux Montagnes	Leicester
M		SAUVE OMER St Hermas Deux Montagnes	Leicester
McBane James Quyon Pontiac	Cheviot	Savignac Joseph St Elizabeth	(p) Oxford Down
McClary J A Lennoxville	(cp) Shropshire	Shannon Clayton I Canterbury, Compton	Oxford Down
Macdonald Collège Jacques Cartier Macdonald	(cp) Oxford Down	Shaw W T St Felix de Hingery Drummond	Shropshire
McGibbon A A Brownsburg	Cheviot	Sherry J T Trenholm	Leicester
McIver Neil D R R No 2 Scotstown	Oxford Down	Stalker Frank T Kingsbury R No 1 Richmond	Leicester
McLaren Co Ltd The James Buckingham	(c) Oxford Down	Strong William C R R Z West Brome	(c) Leicester
Macroux J Adelbert Vaudreuil Station	Oxford Down	Sylvester Albano St Simon d Yamaska	(p) Hampshire
McW George R R I Shawville	Leicester	Sylvester Victor St Hyacinthe	(p) Lincoln
Merner Joseph La Durantaye	Leicester	Sylvester Romeo St Simon de Bagot	Cotswold
Métre St Jos St Hyacinthe	(cp) Oxford Down	T	
Méchaud Joseph Isle Verte Temiscouata	(cp) Hampshire	Taylor T W, Box 26 Cookshire	Oxford Down
Milot Lucien Yamachiche St Maurice	(c) Shropshire	Thouin Louis Repentigny L Assomption	Lincoln
Milot Omer F Yamachiche St Maurice	(c) Shropshire	Toupin Pierre Notre Dame de Ham	Oxford Down
Millette Wm G, Sweetburg	Shropshire	Toupin John Becanour	(c) Leicester
Mitchell F R Lennoxville	Shropshire	Trabam Edm Yamachiche St Maurice	Oxford Down
Morin Bire Tremblay	(p) Shropshire	Trahan Hector Trois Rivières	Lincoln
Morin G St Casmir	Shropshire	Tremblay J Edgar Jonquière	Oxford Down
Morin J F Tremblay	Shropshire	Trudel J D Amos	(p) Oxford Down
Mukhith M P Asymet East	Shropshire	Trudel Michel St Stanislas de Champlain	(cp) Oxford Down
N		True Abbott Lennoxville	Oxford Down
Nes David T Howick	(c) Leicester	V	
Nichols George R R I Grenville	(c) Leicester	Vadnas Amos, St Cathbert	Hampshire
Noreaux C E St Jean Baptiste de Rouville	Leicester	W	
Noreaux Georges, Rougemont Station	Leicester	Williams H F, Knowlton	Shropshire
O		Winget Henry Lennoxville	Shropshire
Oliver, R Danville	(p) Shropshire	Woodside J H, Lennoxville	Shropshire
		Woodward James A, Lennoxville R No 4 Sherbrooke	Cotswold
P		Y	
		Young C P, Hatley	
		Young Wm, R R I Compton	

Pig Breeders

Name and Address	Breed	Name and Address	Breed
A		Cargnan Emile Gentilly	() Yorkshire
Agriculture de Quebec Dept de l La Gorgend ère	(h) Yorkshire	Caron Adélaïde Beauceville Ouest, Beauce	(s) Chester White
Agriculture School of Ste Anne de la Pocat ère	(csh) Yorkshire	Caron J F St Gregoire	
Agriculture School of d Oka La Trappe	(cs) Berkshire	Caron Ségroul Beauceville Ouest	(a) Chester White
Agriculture Societe d Bellechasse		Caron Thérèse Village des Aulnaies L Islet	(a) Yorksh re
Agriculture Societe d New Richmond Station		Carreau Louis Fils Dupuy	
Alain Louis St Juston		Cartier A St Guillaume d Upton Yamaska	(c) Yorkshire
Allard Irène St Roch L Ach gan L Asson pton	(cs) Yorkshire	Chabot Honore St Gervais	
Antill Alfred Louis St Pampile L Islet	(c) Yorkshire	Chapman Bros Front Village	
Archambault R South Roxton	(c) Chester White	Chapman F G, Brown	
Armstrong J C R R 2 St Gabriel de Branden		Charpentier Hectane Clairvaux d Bagot	(cs) Tamworth
Arnold J E & Son Grenville	(h) Yorkshire		() Berksh re
Arpin Eugene St Ours	(h) Chester White	Chenard L A, Sandy Bay	
Arthur Fred Knowlton	(s) Yorkshire	Clark Lst W A Box Amherst Montreal	
Asselin Louis St Charles de Bellechasse		Cloutier Euclide St Janvier Terrebonne	Yorkshire
Asselin Vacou Mont Joli			Chester White
Aubry Georges St Eulalie		Cloutier J Rivières aux Chiens Montmorency	(c) Yorkshire
Audet Adélaïde Ste Claire		College de l Assomption L Assomption	(h) Yorkshire
Audet Francois Cot pton		Corbin O St Esprit	(a) Yorkshire
Audet Paul La Sarre	Yorkshire	Cote Louis Joseph St Jabin Rumouksi	(a) Berkshire
		Cote R L Ange Garlien Montmorency	(cs) Yorkshire
B		Coulombe Damien St Norbert	
Barber E J Shawville		Courchesne Chas A Kildare	Yorkshire
Barnett Josephat Ste Madeleine		Courchesne J David St Andreose de Kildare	Yorkshire
Beaudet Albert Arthabasse		Croteau Jas R R 2 Windsor Mills	
Beaudet Ernest R R 2 Lethbristère		Curtis A E Stanstead	(s) Yorkshire
Beauregard Albert St Hyacinthe	(c) Yorkshire	Cyr Hector New Richmond	
	Yorksh re	Cyrenne Louis Rivière Noire	
Beauregard Armand St Dominique de Bagot	(s) Yorkshire		
	Chester White	D	
Beauregard Damase St Hyacinthe	(cs) Yorkshire	Dalphonse Romuald R R 1 St Paul d Industrie	() Yorkshire
	Yorksh re	Daignon A Box 104 Coaticook	Yorkshire
Beauregard Rodrigue St Damase St Hyacinthe	(cs) Chester White	Davis A G R R 2 Foster	Tamworth
	Yorkshire	Deland A G R R 2 Foster	Tamworth
Beauregard Wilfrid St Danase	(s) Yorkshire	Deland Chas A L Acad e St Jean	(c) Yorkshire
	Tamworth	Deland H T L Acad e St Jean	(c) Yorkshire
Belanger J J St Alexandre de Kamouraska	(cs) Yorkshire	Denis A Aim and St Gilbert Berthier	(a) Yorkshire
Bellen aere Orde Lou seville		Denis Arsene St Norbert Station Berthier	(cs) Yorkshire
Bennett F C R R 3 Bury	(s) Yorkshire	Denis Edmond St Norbert	(c) Yorkshire
Benoit Anton O St Theodore d Acton		Descauleaux J P Ste Montjeu de Nicolet	(c) Yorkshire
Bergeron Alphonse Ste Angèle de Prémont Maskinonge	(c) Yorkshire	Desrauleaux Arsene L Acad e	
Bergeron Antonio Savane	(c) Yorkshire	Desseureault Zeyn La Ronc	(s) Yorkshire
Bergeron Alphonse Ste Sophie R No 1 Megantic		Dionne Francois St Florence Matane	Chester White
Bergeron C St Pie re Baptiste	Yorkshire	Duguay Irene St Methode	() Yorkshire
Bergeron Donat Ste Ulalae	Yorksh re	Dulude Enul St Philomene	Yorkshire
Bergeron Lba 1 Wakamiak	Yorksh re	Dupaul Joseph St Venances	Yorkshire
Bernard J C St Pie re No 2 Bagot	(c) Chester White	Dupuis Hercule Henryville	Yorkshire
Bessier Foliau Belcourt	Yorkshire	Dupuis J Fernand Village des Aulnaies	Yorkshire
BERUBE ELIUD Trois Puits	Yorkshire	Durandeaux Frs Coaticook	Yorkshire
Berube Zenon St Donat Rimouski	(cs) Yorkshire	Dureault Philippe St Camille	Yorkshire
	Chester White		
Blanchet Nathaniel Arthabasse	(cs) Chester White	E	
Bois Louis Joseph St Jean Port Joli L Islet	(cs) Yorkshire	Ecole de Latrerie St Hyacinthe	Yorkshire
	Chester Whit	Emond Honorius Vaudreuil	Yorkshire
Boisclair Frayvete Macam		Ethier Albert Ste Justine de Newton	Yorkshire
Boissonneault Achille St Timothee	Yorkshire		
Boisvert Charles Danville	Yorkshire	F	
Boisvert S Notre Dame d Pierreville	Yorkshire	Faubert Honore Rigaud	Yorksh re
Bonneau Ernest N North Stanbridge	Yorkshire	Feron Omer Yamachiche	(s) Yorkshire
Bordeleau J D Dupuy	Yorksh re	Feron Phil St Antoine Two Mountains	Yorkshire
Bosse Charles St Eusebe	Yorksh re	Finlayson Geo R R 3 Ormstown	() Yorkshire
Bouchard Alfred Ste Edwidge	Yorksh re	Fléurent Antone Nicole	Yorkshire
Bouchard Joseph Lac Bouchette	Yorkshire	Fléurent Wille Grand St Esprit Montcalm	Yorkshire
Bouchard Lbilleppe St Octave		Foley J A St Thurbie	Chester Wh te
Boulanger Laurita Montmagny		Fontaine Uldare L Ste Angèle de Monnoir	Chester White
Bourgeois Francois St Celestin	Yorkshire	Ford Geo E Coanville	
Bourgeois Z S St Etienne de Bolton Broue	Tamworth	Forest Emile St Grego re	(c) Chester White
		Fortin Francis Adams lile	
Boyer Pearly Ste Jeanne d Ave		Fortin Norbert Chamford Est	
Boys Farm and Training School Shawbridge		Fortin Samuel St Philomen Bellechasse	
Braut Alphonse L Acadie		Fournier Alex Montmagny	Chester Wh te
Brea S Gouges		Fournier Arthur St Aubert	Yorkshire
Brederer J P St Cesa re	(cs) Yorkshire	Fournier Arthur St Simon d Yamaska	Yorkshire
Brodier Stanislat St Alphonse de Granby		Fournier Eugene C Montmagny	Tamworth
Bruelle L Ste Sophie de Megantic	() Yorkshire	Fowler C A Kingsbury	Yorkshire
Buier C J R R 1 Deux entres Centre			Yorkshire
Burns Frank Charlebourg	(c) Yorkshire		
C		Frechette David St Felix de Valois	
Calvez L St Alexandre d Ibergville		Frechette Geor Ste Madeleine	Yorkshire
Campbell Adélaïde Ste Sabine	Chester White	Frizon Ernest Louville	
Campbell Michel Ste Sabine d Ibergville	(s) Chester Wh te	Furois J H La Durantave	
Campeau J Donat R R 2 Ste Scholasti que	Chester White		
		G	
		Gagne Arthur Victoravill	(c) Chester White
			Yorksh re
		Gagne Fidele Maria	Yorkshire
		Gagnon Donat St Elphage	Yorkshire

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Horse Breeders

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Name and Address	Breed	Name and Address	Breed
P P Trappistes de Mistassini Mistassini Lac St Jean	Percheron	Thoulin Louis Repentigny	Fr Canad an
r Bros Dalhousie Station	Standard	Tourigny Paul Victoriaville	Belgian
ond D Queens Hotel, Montreal	Thoroughbred	Tremblay Anatole L Acad e	Fr Canadian
J C Chateauguay	Belgian	Tuck Robert & Son Campbellville	Clydesdale
Mrs J J Choisy	Thoroughbred		
son Herbert Sawyerville	Shire		
Jas H L Box 2470 Vercheres Montreal	Thoroughbred	Valquette N G Montreal	Hackney
iffe Bros Aylmer East	Clydesdale	Vandelac P #13 Bernie Street Montreal	Standard
		Vigneau Dr J H Trois Rivières	Belgian
ter N Ormstown	Shire		Fr Canad an
stre Romeo St Simon de Yamaska	Fr Canad an		
stre Victor St Hyacinthe	Fr Canad an	Watson E Hudson Heights	Hackney

Saskatchewan Cattle Breeders

Name and Address	Breed	Name and Address	Breed
A		A	
W H Qu Appelle	Holst Friesian	Look Albert J Hardy	(4) Hereford
Bro Brou Beaugou	Hereford	Coombs H & Middlesm R Clouston	Red Poll
on John Box 120 Prince Albert	Ayrsh re	Cope Joseph Broadview	Ayrsh re
Bros B J W Copeau	Jersey	Cottle Stanley G Fortrevere	Red Poll
ell D Albert Ross Valley	Galloway	Counsell A E Fort Qu Appelle	Jersey
strong R E Abbey	Red Poll	Covill E Wawola	Ayrsh re
strong Robert W Marshall	Jersey	Crabbe Lawrence Borden	Hereford
strong W C Marengo	Ayrshire	Crawshaw Frank Lacoun	Red Poll
anson Bros Land s	Hereford	Cressman H B Box 11 Lashburn	Shorthorn
		Cumberland W H Maple Creek	Shorthorn
		Cunning Henry K pling	Hereford
		Cunning J W Llo dminster	Hereford
B		D	
lie Thos D Leask	Ayrsh re	Dale Charles S Siton	Hereford
nes Frank R R I Saltcoats	Shorthorn	Daniel Edward Wapella	Ayrsh re
ns J A Box 2 Semans	Hereford	Darnbrough Wm Junr Laura	Red Poll
ll B M Keystown	Ayrshire	Darnbrough Wm Laura	Red Poll
ster John A Grove Park	Hereford	Dash James Kipling	Hereford
ster A E Borden	Red Poll	Davison C S Weyburn	Shorthorn
stie Robert Farmington	Jersey	Delahasty Mrs M A On on Lake	Hereford
stahfield Mrs C A Hon	Jersey	Denna Bros Parkman	Hereford
box W T Strathburg Station	(4) Shorthorn	Dewitt G H Foam Lake	Hereford
ack Hector Belle Plaine	Hereford	Dobold George C Kenedy	Hereford
omg st Farm The Mad son	Hereford	Downey Harry F Box 81 Gull Lake	Hereford
les T J Spy Hill	Ayrsh re	Downey P F & Sons Box 297 Cull Lake	Shorthorn
vation C G Netherly II	Hereford	Drury Joseph S Stoughton	Shorthorn
acken F M Tewes Cr	Red Poll	Druidale Mrs John Box 60 Yorkton	Hereford
ad E H Grandora	Shorthorn	Duff W E Anglia	Shorthorn
and J Edenwold	Shorthorn	Duffey John Canon	Holst Friesian
ay H F Box 911 Foam Lake	Hereford	Dumvil Mrs T Chas Koca vill	Hereford
ay Ben Box 11 Tisdale	Hereford	Dybvig A N J Box 45 h nlev	Hereford
reg F A Sons R 2 Semans	Hereford	Dyer Chas I Carl le	Holst Friesian
box S J C Bell her	Hereford		
rock Mrs A M Wood Mount n	Hereford		
ron erns s Cupar	(4) Holst Friesian		
rown Alred Estivan	Ayrsh re		
rubaker Mrs J H Box 9 Moose Jaw	Jersey	E	
ruce W H Kisebe	Hereford	Ellot Aust n H Aylsbury	Hereford
ryce John Arcola	(4) Shorthorn	Emzh H L Watrous	Holst Friesian
to L A C Freezeville	Hereford	Emerson C T Box 16 Weyward	Aberdeen Angus
hms R I Abda	Hereford	Emund J A Gladmar	Red Poll
lusb Wm Tregava	Ayrsh re	Estwistle James Stanley Parkman	Hereford
lter John C Tivan	Red Poll	Evans T The Grange Waseca	(4) Shorthorn
		Experimental Farm The Do nion Indian Head	(4) Shorthorn
		Experimental Farms The Do nion on Roathorn	(4) Holst Friesian
		Experimental Station The Do nion Scott	(4) Shorthorn
C		F	
aneron Donald R R I Rokeby Stat on	Shorthorn	Faber Louis M Wordsworth	Hereford
arthon J C Priceville	Hereford	Falmer James Mervin	Hereford
Carter W S Spv Hill	Red Poll	Fall Perry Bethune	(4) Red Poll
Cattley W A & Sons Craven	Hereford	Fancher W R Box 76 Gova	Shorthorn
Chapman Henry Belle Plaine	Hereford	Farb W F Marchwell	Hereford
Chapman Wm Fenne	(4) Shorthorn	Feld C J L & Sons Mooseoun	Hereford
Chase C F Kocany le	Hereford	Fendler J G Wobley	Red Poll
CHRISTIE MISS MARGUERITE Kamack	Hereford	Fisher W J Tryan	Hereford
Corman W L Carveale	Hereford	Floren Halbert Parkdale Shelbrook	Hereford
Clark I W Tregava	Hereford	Floyd John F Belbeck	Jersey
Clark John T Box 45 Bender	Shorthorn	Fordth Bros Mervin	Shorthorn
Clarke T A W Saskatchewan St W Moose Jaw	Hereford	Fordth James Hopedale	Hereford
Clauington Mrs F L Le p s	Cornwall	Foster F L Unity	Hereford
Cut F L S Shelbrook	Hereford	Fowler Bros Tuxford	Hereford
Cox J C A Son Gt and Street W Moose Jaw	Hereford	France T Chaplin	Red Poll
Cochlan I O Elbow	Hereford	Fraser Donald Qu Appelle	Hereford
Cole J S M Lamb	Red Poll	French W R B 214 Strathburg station	Jersey
Coleman Jacobus Angler M	Hereford	Fulbertson A H Denzies	Ayrsh re
Coleman G J Lamerok	Hereford		
Coleman J C Box 440 Maple Creek	Holst Friesian		
Conv le I Wawola	Ayrsh re		

Name and Address	Breed	Name and Address	Breed
G		L	
Galagher F A & J H Yorkton	Hereford	Lambrounhton Alex Edam	Ayrsh re
Garniere J T Maple Creek	Hereford	Leurent Ed Abia	Red Poll
Gennell Bros Box 1 Tuxford	Hereford	Leahrood W B Blunkett	Ayrsh re
Georg Bros Box 426 Estevan	Ayrshire	Leech Phlp Baring	Shorthorn
Gibert C H Bg Ru re	Hereford	Lers Duncan H Kusby	Hereford
Gichist Bros V dora	Hereford	Lers William A sber	Hereford
Gichist Wm Heytown	Shorthorn	Le ster John Manor	Red Poll
Gingeth Ira S Gurney	Holst Fries an	Leake Mrs Jm Sumnerberry	Ayrshire
Glass F R Kerr Robert	Holst Fries an	Leonhardt Fred Theodore	Holst Fries an
Gledhill Geo Tatonia	Holst Fries an	Limb Herbert Marshall	Red Poll
Glen de Ran hng Co Ltd Spinney Hill	Shorthorn	Lipse Theodore Farielt	Hereford
Goodfellow H R Carruthers	Shorthorn	Lloyd John R R 1 Adanac	Hereford
Goodwin Mrttito Cando	Shorthorn	Logan W R 100 1st Avenue Prince Albert	Hereford
Graham Wm H R Alcmethy	Holst	Long Bros Mortha	Hereford
Grass & George Yellow Gra s	Hereford	Longman J M G Maryfield	Hereford
Grass ck James 118 Scarth Street Re na	(f) Shorthorn	Lux Peter Humboldt	Ayrsh re
Gray Charles Junr Rocanville	Hereford	Lydard G H Dept of Interior Moose Jaw	Hereford
Grayson J H Moose Jaw	Hereford		
Gunderson B Box 151 Tompkins	Hereford		
Guasas Harold Mordach	Hereford		
H		M	
Hagmister John & Son Preeceville	Hereford	McAlpine Harry Bromhead	Hereford
Haggett Geo Belle Laune	Shorthorn	McArthur W G Hearne	Ayrsh re
Hall & Lockie J Stroughton	(A) Hereford	McClean Samuel S Lavelong	Hereford
Hall Percy Vandura	Hereford	McComb Richard Box 116 Redvers	Shorthorn
Hampton James Waldron	Hereford	McCrar E Sione	Hereford
Hariton Chas Belle Plaine	(f) Shorthorn	McCusker Thos A Box 36 Regina	Jersey
Harrison F H O Box 183 Pense	Ayrsh re	McFarlane W A Nokomis	Hereford
Hartwick Stanley G Fort Qu Appelle	(A) Jersey	McHargue S A Land s	Hereford
Harrison W H Lill sboro	Hereford	McIntyre R J Pense	Ayrshire
Harry T W Water	Hereford	McKee D J Shon	(f) Ayrsh re
Hartman Conrad Engl i Id	Hereford	McLachlan Dr A Rosthern	Holst Friesian
Heartwell Mrs W J Tuxford	Hereford	McLaren C S kandahar	Red Poll
Helgason E Box 10 kandahar	Hereford	McLaughlin Chas J Blucher	Hereford
Hemsted S B Belle Lake	Hereford	McLean Mrs J M Clarkboro	Jersey
Henderson A R Engleld	Hereford	McLeod D Aubrey	Shorthorn
Hemley William & Sons Qu Appelle	Hereford	McLoughry J Moosoonu	Ayrshire
Herridge L Cando	Ayrsh re	McMutt E A Saltcoats	Holst Friesian
Hester Alex Malvale	Holst Friesian	McQuat Earl Adanac	Ayrsh re
Hicks Cha E Box 397 North Battleford	Holst Fries an	MADDEN A L Aberoid	Ayrshire
Hill I W Paynton	Holst Fries an	Mann John H Gamsborough	Shorthorn
Hill Hugh Box 6 Lloydminster	Hereford	Mann J L Bangor	(A) Shorthorn
Hill John Box 443 Canora	Hereford	Martin Geo F Lloydminster	Ayrshire
Hill Dav d Box 91 Foam Lake	Hereford	Martin L Lloydminster	Holst Friesian
Hockley W A Horizon	Hereford	Mastin Henry Scount	Hereford
Hodson John Herbert Foxam Lake	Hereford	Matthews F S Leask	Hereford
Hoffman P J Annaheim	(f) Red Poll	Maybee G A Moose Jaw	Hereford
Hoggin James Kynore	Hereford	McKee Mrs Wm Naseby	Hereford
Holmesworth Chas H Quantock	Red Poll	Meyer Walter Steer	Hereford
Holne Stephen Bountv	Shorthorn	Meyer W Ham D ke	Holst Fries an
Hopkins A G Sst ton	Hereford	McMinn The Estate of Charles P Box 97 Elbow	Hereford
Hore H F Meyronne	Hereford	McNair James W North Battleford	Shorthorn
Howard T Ameroid	Ayrsh re	Morrison Bros Box 13 Wapella	Jersey
Howlett Perry R Lang	Hereford	Mulhern R J B Box 183 Outlook	Holst Fries an
Hu hn ben Frederick W Langenburg	Hereford	Murray A H Rosthern	
Huntley J F Omom Lake	Hereford		
Hurst Eugene Macoun	Red Poll		
Husband J W Wawota	Hereford		
Hut hns H O Reeler	Red Poll		
Hutch ns Kcsana Volseley	Hereford		
Hut bsen C L R R 1 Manor	Hereford		
Huxtable R J Conquest	(A) Shorthorn		
I		N	
Imperial Development Co Ltd Imp rial	Hereford	Nale Percy J Lovat	Shorthorn
		Nelson M J Midale	Hereford
		Nelson Nels Box 299 Herbert	Shorthorn
		Newell C H Sa ft Current	Hereford
		North J R Qu Appelle	Jersey
		Nurse J W Tyvan	Hereford
J		O	
Jesson Mrs S A Box 69 Pelly	Red Poll	O e Mrs Bertha Invermay	Hereford
Johnson Peter Kellher	Hereford	Okeon Chas Box 4 Marchwell	Ayrshire
Johnson Skul Foam Lake	Hereford	Olafson O 2 80 W nca Street Moose Jaw	Hereford
Johnson W H North Battleford	Ayrsh re	Olphant K F Tisdale	Ayrshire
Johnston W M Corquay	Ayrsh re	Olsen Math as J Box 123 Arcola	Hereford
Jones J AT Box 2 Kandersley	Holst Fries an	Orchard Arthur F Borden	Hereford
Jones & H Drawer K Bl ne Lake	(f) Shorthorn	Orchard C H Borden	Holst Fries an
Josiah A W Zelo a	Shorthorn	Osborne Wm F Weyburn	Ayrshire
		Oster W P Summerberry	
K		P	
Kand re L R Churchbridge	(f) Red Poll	Packham H C McLean	Red Poll
Kerr J J Stou	Hereford	Padbury George & Son Aylesbury	Hereford
Kid Jans R Box 4 m s	Shorthorn	Parsons W F Weyburn	Jersey
Kilboe And ew Nance	Shorthorn	Paterson J B Ogema	Holst Fries an
Kirk Walter H Qu il Lak	Hereford	Patmore L e Nulana	Hereford
Kordon John L Tantail n	Shorthorn	Payton Herbert S Qu il Lake	Hereford
Koon Mrs Lured	Shorthorn	Peake A F K winning	Hereford
Kusel A C Rosthern	Holst Friesian	Peake Frank Aylwinning	Red Poll
Kylen Tros Watro s	Holst Friesian	Pearson Gus Macoun	Ayrshire
Kylen John C Ayrsh re	Hereford	Perry F L & Son Vaseca	Hereford
Kylen Jacob Inelid	Holst Friesian	Peterson Walter Box 6 Lloydminster	Shorthorn
Kotter A f e lank i burg	Hereford	Ph n Chas A Moosoon n	Shorthorn
Krebbel	Ayrsh re	Ph n R J Moosoon n	Hereford
		Ph n & Sons Box 31 Bengough	Hereford
		Ph n Frank Lpton	Hereford
		Ph n Norman Rayn ore	Hereford

Name and Address	Breed	Name and Address	Breed
F		L	
Farmer Harry Canwood	(a)	Lester H. C. Linton	Yorkshire
Fischer George Lockwood		Knight S. Box 93 Invermay	Yorkshire
Fletcher Wm I. K. bev		Knowles Geo T. Box 111 Un ty	Yorkshire
Follett Bros Duval	(s)	Koenig Geo T. J. f. eld	Yorkshire
Forester Morton Portreeve		holstadt O. V. s. ount	Yorkshire
Fowler F. R. Kamsack		Kyle Earn Weyburn	
Fox L. O. Kadville		Laatsch Jos C. Southby	
Francis G. W. Box 303 Herbert			
Fraser John G. Wynark			
French Brothers Loreburn			
G		M	
Garland T. W. Box 43 Success		McAllister Arch. e. Earl Grey	Yorkshire
Geck R. T. Kelngton		McClendon A. J. Lau	
George J. Fred Leross	Yorkshire	McDonald Mrs Arch. e. Runciman	
Gibb Robert Luttwal		McDonald Kenneth Glenside	
Gibson Robt Crandora	Yorkshire	McDonald Albert Box 16 Kisbey	
Gibson W. H. Bratton		McEwen Allan R. verhurst	
Gilmer John A. Woodrow		McFarlane J. D. Carles	Yorkshire
Gingell C. H. Box 236 Graebour		McFarlane W. N. Gansboro	
Girling Mrs A. M. Radisson	(s)	McGill F. A. Box 1014 R. verhurst	Hampshire
Glover M. Froude	Yorkshire	McIntyre Wallace Pontilas	Yorkshire
Gordon Charles W. R. R. Adanac	Berkshire	McKend Thomas Box 3 Lampman	Yorkshire
Graham C. L. Heward	Yorkshire	McKenney J. B. & Son Osborn	(s)
Graham W. H. Woodrow		McKinnon Donald Cupar	Yorkshire
Grainger A. B. Ogem	(c)	McLaren John T. Arcola	Berkshire
GRASSICK JAMES 1718 Scarth Street, Regina	Yorkshire	McLaughlin D. J. Kamsack	
Greaves Septimus Box 13 Kenaston		McLean D. H. Box 335 Bggar	Yorkshire
Green Fred Portreeve	Hampshire	McLean W. A. R. Lumsden	Yorkshire
Grogg R. J. Tregarva	Poland Ch. na	McMullan A. Bangor	Tamworth
Creig S. B. & Sons Tregarva		McMerson Arch. e. Wadena	
H		McRae C. A. Parkman	
Hagerman E. Year Surbiton	Tamworth	Magnesson M. O. Wynyard	
Hagermanster J. June Preeceville	Poland Ch. na	Macalcolm W. J. M. Stenon	
Hall E. E. S. I. er Streen	Yorkshire	Markell Fred. J. yebrow	Yorkshire
Hall Robert S. I. er Streen	Berkshire	Martens B. ox. Hearne	Yorkshire
Halliton J. E. Zealand a		Matthews W. S. Duff	
Hamilton Robt J. Chaplin	(s)	May C. W. Aberdeen	Yorkshire
Hamm J. A. Son. Goudown	Yorkshire	Meagher Thomas A. Neulberg	Yorkshire
Hampson T. B. rich Hills		Middlemass J. W. Lumsden	
Hartson Chas. Belle Plaine		Mills J. H. Gurney	(s)
Harris George Paynton		Miner H. J. & Sons Farley	Yorkshire
Harris Gordon Corn ng		Moitell Alexander Macoun	
Harris W. H. Box 13 Maryfield	Yorkshire	Moitell I. m. Couval	
Harrison A. S. & Sons Faught Station	Yorkshire	Mooney J. H. Gen. Del. Reg. na	Yorkshire
Hast W. Box 898 Weyburn	Yorkshire	Moore Charles T. Simpson	
Haug Noah Brown ng		Morgan S. A. Box 40 Portreeve	Yorkshire
Hawes G. H. Drake		Morton E. F. Fairmont	Tamworth
Hawkes R. Perc. al			
Haydel J. L. O. Box 1 Luxford	(s)	Morton R. J. Box 9 Fairlight Station	
Hicks Chas. I. Box 397 North Battleford	Berkshire	Moulding Fred. Tyvan	
Hicks J. H. Box 101 Lafleche	Duroc Jersey	Murray J. J. La. J. on	
Hill J. R. Canora	Tamworth	Murray John Sr. Rama	
	Yorkshire	Murray Thos J. Clements	
Hiller W. J. Box 109 Earl Grey	(c)		
Hoffman J. J. Annabun	Berkshire		
Holland John W. Meach			
Holland W. A. Box 96 Doureny			
Holmes Ed. Lang	Yorkshire		
Holmes Herbert J. Benson	Berkshire		
Holtman C. D. D. Arcy Station	Yorkshire		
Holtman W. Hodgeville	Chester White		
Hopkin Harry A. Box 116 Carlyle	Yorkshire		
Hopkinson R. Semans	Yorkshire		
Houghton R. A. Elbow	Yorkshire		
Huffman A. C. Kennedy			
Hull W. R. North ngban			
Hume L. I. Manor			
Hume el Wil s. Mantano			
Hunter Charles H. Venn	Duroc Jersey		
Husky C. W. Larkman			
J		N	
Jackson Elder Adanac		Neathy Wal. e. R. Renown	Yorkshire
Jackson H. J. Box 115 Leunberg	Yorkshire	Nichols Howard Namberry	Hampshire
Jackson Sam J. Box 235 Shannaton		Nichols Jos. Box 15 Shannaton	Yorkshire
Jackson J. W. 2236 Ath. d Street, Regina	Yorkshire	Nolan Alexander Box 40 Rouleau	(s)
Jensen H. A. Box 3 Coll Lake	Poland Ch. na	NORTON DR. L. B. Third Avenue W. S. Melville	Tamworth
Johns C. H. Box 84 Mafren		Nutting J. S. Radisson	
Johnson Chas. W. S. Box 21 Melville	Yorkshire		
Johnson Geo. W. Atwater			
Johnston W. H. Kallison			
Jones D. M. B. Atwater	Yorkshire		
Jones Fredrick S. Gorton	(s)		
JONES & H. Dwyer E. Elaine Lake	Yorkshire		
Jordson C. I. H. Land rose			
K		O	
Kaeling L. K. Chubbville	(s)	Oliver W. H. Ellsburo	Yorkshire
Kay Clarence Yorkton	Yorkshire	Olsen W. H. Avonhurst	
Kay George Yorkton		Ottensberg J. S. Iton	
		P	
		Pace E. D. C. W. H. Toward	Berkshire
		Park George A. Jarbo	
		Parkinson Gladys M. Mason	
		Parks Frank A. Crick	
		Partridge James H. S. Carnduff	Yorkshire
		Pattison J. W. Tribune	
		Pat L. A. J. M. J. on	
		Paul Roy W. M. Toward	
		Peat Thomas Avonhurst	
		Peters L. R. Canoe and	

Name and Address	Breed	Name and Address	Breed
L		R	
Lawrence Bros. Vera	Clydesdale	Preston L. J. Young	Clydesdale
Leckie Robert Arcola	Clydesdale	Prestitt Frank Kerr Robert	Clydesdale
Lee Peter Viceroy	Clydesdale	Purcell G. W. Liberty	Shire
Lee W. B. Avonlea	Belgian		
Lehner Casper Spangley H. H.	Shire	Raffenberg E. S. Sandwith	Standard
Leitch Jas. D. Yellow Grass	Clydesdale	Ramsay R. Box 131 Delisle	Clydesdale
Lewis H. F. McEachern	Belgian	Ramsay Wm. L. Bladworth	Clydesdale
Lewis Thos. Semans	Clydesdale	Ray Arthur Creelman	Clydesdale
Lick Luther Dasison	Clydesdale	Rear C. M. Kincaid	Percheron
Limbick Welch Tyrin	Shire		
Little Pearson Madison	Clydesdale	Reed A. A. L. Alameda	Belgian
Lloyd Reuben Benson	Shire	Reid Dr. J. J. Canora	Clydesdale
Lloyd W. F. Starview	Belgian	Reilly W. R. Westman Chambers Regina	Standard
Longmuir M. S. Bridgeford	Clydesdale	Ruggall Frances, Eyebrow	Shire
Lorimer Jos. Conquest	Clydesdale	Riley George Unity	Clydesdale
Love J. H. Yeoman	Clydesdale	Roa H. P. Box 15 Plunkett	Clydesdale
Ludlow John Wynnward	Shire	Robb A. N. Archdale	Clydesdale
Luke James F. Box 25 Rosthern	Clydesdale	Roberts Wm. M. Zealandia	Clydesdale
		Robinson J. H. Kellher	Clydesdale
		Robson Joseph Harris	Clydesdale
		Roe W. W. Fatoum	Percheron
		Ross Charles A., Vancsoy	Hackney
		Ross Perry R. C. Cornfield	Belgian
		Rupp George Lampman	Shire
M		S	
McCallum Angus Moosomin	Clydesdale	Saskatoon Industrial Exhibition Assoc. Saskatoon	Hackney
McCallum Bros. Moosomin	Clydesdale	Saunders Mrs. Agnes A. Balcarres	Standard
McClure Joseph Albert Sturgis	Clydesdale	Scott John Brock	Clydesdale
McCurdy Robt. Asquith	Clydesdale	Scribner A. G. Coleau	Shire
McDonald D. R. & Son Vethersburg	Clydesdale	Seiring P. Sedley	Percheron
McDonald James Parka	Clydesdale	Seipter E. J. Canora	Shire
McEachern J. A. Borfen	Clydesdale	Sharp J. & A. Box 160 Moosomin	Clydesdale
McElroy N. W. Zealandia	Percheron	Sherk Wm. Stranraer	Shire
Macfie T. J. Nokomis	Shire	Shields John Noel Farm Nokomis	Percheron
McGregor Duncan Truxa	Clydesdale	Sibald A. L. Russell	Standard
McIntosh Jas. Bray	Clydesdale	Siebel H. Regina	Shire
McIver Angus S. Francis	Clydesdale	Simons Wilbur Neidpath	Clydesdale
McKee J. A. Asquith	Belgian	Sinclair D. Garden Head	Clydesdale
McKellar Arch. K. Bey	Clydesdale	Sinclair John Congress	Clydesdale
McKer J. Regina	Belgian	Smith Alex. Langbank	Clydesdale
McLaren Alex. Box 360 Pense	Percheron	Smith Archibald Kerr Robert	Clydesdale
McLeh Jas. D. Moosomin	Clydesdale	Smith Harvey Brock	Clydesdale
McLeod Ben. Dodsland	Clydesdale	Smith Henry Howell	Clydesdale
McLeod J. G. Gadsden	Belgian	Smith John Dept. of Agriculture Regina	Clydesdale
McLeod Leonard Treasachs	Clydesdale	Smith Robt. & Son Headle	Belgian
McLeod Norman Hyde	Clydesdale	Sondal A. M. Lupia	Clydesdale
McMAIN BROS. Summerberry	Shire	Spencer Andrew H. Wapella	Clydesdale
McMillan Chas. Craik	Clydesdale	Spooner H. T. Abernethy	Clydesdale
McMurch John. Glenside	Clydesdale	Stacy S. Central Butte	Shire
McMurry Samuel Oxbow	Percheron	Stanley & Ketcheson Moosomin	Shire
McQueen Gordon Canale	Shire	Stender F. Kelsey	Shire
McTear, Art B. J. K. G. Gadsden	Percheron	Stender J. E. Kelsey	Standard
McVane Thomas Drak	Clydesdale	Stephens Charles Box 112 Balcarres	Clydesdale
Mailai Fle. Rosthern	Belgian	Stewart Albert Eldersley	Clydesdale
Mann J. F. Bangor	Clydesdale	Stewart Bros. Maple Creek	Clydesdale
Manson E. H. Tresham	Clydesdale	Stokes J. H. Maple Creek	Shire
Martin J. E. Grand Coulee	Clydesdale	Stout H. W. Davidson	Shire
Maxwell Fred V. Radson	Clydesdale	Stover Jesse Heytown	Clydesdale
Maxwell J. H. Box 94 Pense	Clydesdale	Strathmore Clydesdale Horse Breeders Club Marshall	Shire
McW. W. Liam Neville	Clydesdale	Strickland Wm. Milestone	Clydesdale
McFrose A. A. Maymont	Clydesdale	Strong Hugh Drake	Clydesdale
Miler W. H. Avonlea	Belgian	Strook J. Abernethy	Clydesdale
Milne John Zealandia	Clydesdale	Stutt Geo. Brooks de	Clydesdale
Mitchell J. & Sons Fair Grey	Clydesdale		
Mor John. McEachern	Clydesdale		
Moore B. H. Weyburn	Clydesdale		
Moore B. H. Rouleau	Percheron		
Mosenther Louie W. Tiesland	Clydesdale		
Murray A. F. Young	Clydesdale		
Murray David Road M. re	Clydesdale		
Murn S. S. Gadsden	Shire		
N		T	
Nachtigale Custane North Battleford	Belgian	Taber R. H. Tregara	Hackney
Nachtigale Leon North Battleford	Belgian		
Nachtigale Louis North Battleford	Belgian	Taylor Fred J. Bengough	Clydesdale
Newman H. H. Lloydminster	Clydesdale	Taylor Peter A. Arcola	Clydesdale
Nichol John Goodwater	Percheron	Tham Henry Lloydminster	Clydesdale
Nol A. C. La. Huron	Clydesdale	Thomas Robt. Grandora	Belgian
Nolan Alex. Box 40 Rouleau	Clydesdale	Thompson, Andrew W. Tuxford	Clydesdale
Nolan An. retw Rouleau	Belgian	Thompson Chas. S. D. Arty	Clydesdale
		Thompson H. C. Madstone	Belgian
		Thompson, John Lockwood	Shire
		Thompson W. B. V. Iestones	Percheron
		Thompson W. S. Davidson	Hackney
		Thompson W. W. Macklin	Shire
		Tiller T. E. Estevan	Belgian
		Tombie Armand Hague	Clydesdale
		Tosh Alex. Piche via Harris	Clydesdale
		Tremaine C. E. 1144 Cameron Street Regina	Standard
		Tucker W. H. Lovetna	Shire
		Tulloch G. Palmer	Clydesdale
		Tumbull Bros. Ruddell	Standard
		Turner L. Onon Lake	Standard
O		U	
Obleman Walter Lemberg	Shire	Underwood H. W. Milestone	Shire
O'Brien J. J. Grandora	Shire	University of Saskatchewan Saskatoon	Percheron
Oliver J. D. Avebury	Belgian		
Owens W. L. Esten	Belgian		
P			
Paddick B. C. Davenport	Clydesdale		
Parr John Candiac Staton	Shire		
Payne H. Lusland	Belgian		
Pearce J. H. Brura	Clydesdale		
Pearse George Ra. rousate	Shire		
Persault Joseph Cru. d. Gulee	Shire		
Petersmeyer L. d. r. s. r. 177 Reg. na	Percheron		
Pithington C. No. Yulow	Clydesdale		
Potter John Breckenbury	Standard		

Name and Address	Breed	Name and Address	Breed
V		W	
Valentin Geo L. Pennant	Clydesdale	Whitlaw J T Sceptre	Clydesdale
Vogelaar A W, Bulvar	Belgian	Wilson Geo. Moose Jaw	Sh re
W		Wilson George Wallard	Clydesdale
Watman L H Jansen	Sh re	Wilson Charles 131 Scarth Street Regina	Standard
Walker J W Watrous	Sh re	Wilson Janes T Box 101 Carnduff	Clydesdale
Walker Wn Hawarden	Clydesdale	Wilson S H Ind an Head	Sh re
Watson A J & Sons Oxbow	Clydesdale	Wilson & Whelhan Regina	Sh re
Watson H C Oxbow	Clydesdale	W n Wm Belbeck	Clydesdale
Watt James W Box 9 Sntaluta	Clydesdale	Wright Walter H Dysart	Sh re
Weaver Chas A Lloydminster	Clydesdale	Wunder Peter Sherbo	Shire
WEBER JOSEPH Hoodoo	Belgian	Wurtz C C Saskatoon	Clydesdale
Wedrick W Irfid Garden Head	Clydesdale	Wier H Ind an Head	
Weeks W G Imperial	Belgian	Y	
Weinger John Allan	Clydesdale	Young V n e t A Caron	Sh re
Weir Robert Duck Lake	Percheron	Z	
Welford Dan Moosomin	Clydesdale	Ziegler W H Box 93 Manor	Clydesdale
Wheeler Bros Wulke	Sh re		
White Bros Box 16 th Shaunavon	Suffolk		

Livestock Breeding in Germany.

(continued from page 489)

Among Germany's prominent Agricultural Institutes and Schools for Livestock Breeding and Farming the following should be mentioned

Forschungsanstalt für Agrarwesen Luinstrasse 9 Berlin Dahlem
Landwirtschaftliche Hochschule Invalidenstrasse 4th Berlin N W 4

Inst tut der Univ tat Breslau
Halle a Saale
h el
Gött ngen

Terzität he Hochschule Luinstrasse 36 Bie n N W
Nienburger Dom 16 Hannover

Landwirtschaftliche Schule
Scharenbeck Hannover
Rothenburg
Verden a d Aller Hannover
Stade Hannover
Stotfel

Lehranstalt für praktische Landwirtschaft
Löttdam
S hwe dn tz
Neuhaldensleben
Wolfsangen bei Cassel
S hloze
Landsberg a W
Soest
Stett n
L b ng
Celle
Dargun i Meckl
Helmstedt i Braunschwg

Höhere landwirtschaftliche Schule Herford
Höhere landwirtschaftliche Schule Jena
Höhere landwirtschaftliche Schule i Döbeln bei Leipzig
Höhere landwirtschaftliche Schule Nürnberg
Höhere landwirtschaftliche Schule Pommern i Bayern
Landwirtschaftliche Lehranstalt Oranienburg Berlin
Ackerbauschule Klostergrund Nienburg i hre a Ocherleber
Ackerbauschule Hohenwerthe Holstein
Ackerbauschule Hohenwerthe Hannover
Ackerbauschule Löttdam
Hochschule für Landwirtschaft Weihenstephan i Regens
Tierärztliche Fakultät der Universität München Veterinärstrasse 6
Ackerbauschule Landsberg a Lech
Ackerbauschule Kaiserlautern i d Pfalz
Ackerbauschule Trierdorf i d Pfalz
Landwirtschaftliche Inst tut der Univ tat Leipzig
Veterinärmedizinische Fakultät der Universität Leipzig
Landwirtschaftliche Hochschule zu Hohenheim bei Stuttgart

Landwirtschaftliche Inst tut der Univ tat Cessen
Landwirtschaftliche Inst tut der Univ tat Jena
Landwirtschaftliche Forschungsanstalt Landsberg a W
Forschungsanstalt für Landwirtschaft i Jena
Forschungsanstalt für Tierärztliche Technik i Breslau
Landwirtschaftliche Abteilung Technische Hochschule Danz a Sandgrub 71
Landwirtschaftliche Abteilung Universität Hamburg Hamburg

The number of Official Instructors on Livestock Breeding is remarkably large and their influence among Breeders considerable The following are Experts of outstanding merit

Dr. Freisinger Tierärztlicher Inspektor Kronprinzstrasse 6 Berlin N W 40
Dr. Goelz Tierärztlicher Inspektor Dresdenstrasse 114th kott bus
Schm ed Tierärztlicher Inspektor Weingartenstrasse 34 Cuxhaven
Deuerle n Tierärztlicher Inspektor Klostermühl 11 i Jüben
Schnell Tierärztlicher Inspektor Oberhof 10 Jüterbog
Weidmann Tierärztlicher Inspektor Cuxhavenstrasse 13 Landsberg a W
Meyer Tierärztlicher Inspektor Neustrasse 1 Lübben Spreewald
Coudert Tierärztlicher Inspektor Bahnhofstrasse 13 Neustadt Dose
Dr. v. Bockelmann Tierärztlicher Inspektor St Georgenstrasse 1st Prenslau
Hulsebeck Tierärztlicher Inspektor Auguststrasse 31 Wittenberge bei Potsdam
Leubke Tierärztlicher Inspektor Bahnhofstrasse 26 Frankfurt a O
Schneider Tierärztlicher Inspektor Inspektor Naugard Pommern
Jahn Tierärztlicher Inspektor Belgard Pommern
Dr. Franz Tierärztlicher Inspektor Stolp Pommern
Vunderlich Tierärztlicher Inspektor Drammin Pommern
Linn ng Tierärztlicher Inspektor Wolfen Pommern
Grund ng Tierärztlicher Inspektor Falkenberg Pommern
Buchholz Tierärztlicher Inspektor Bublitz Pommern
Wittke Tierärztlicher Inspektor Rugenwalde Pommern
Strathaus Tierärztlicher Inspektor Lamm n Pommern
Dr. Kusch Tierärztlicher Inspektor Trachener Kirchstrasse 83 Ostpr
Hager Tierärztlicher Inspektor Lützenstrasse 56 Berlin
Schwarze Leistungsinsektor Georgenstrasse 31 M xlen
Terjung Leistungsinsektor Müllerstrasse 1st Berlin
Dr. Albrecht Tierärztlicher Inspektor Annenstrasse 15 Hannover
Hofke Tierärztlicher Inspektor Schloßstrasse 83 i Stuttgart
Wied Tierärztlicher Inspektor Seibach Altmark
Dr. Koppf Tierärztlicher Inspektor Königsberg i d Ostpr
Cudrow Tierärztlicher Inspektor Wittenburg Seibachstrasse 21 Ba en
Dr. Grubmann Tierärztlicher Inspektor Annenstrasse 6 Bremen a
Vogel Tierärztlicher Inspektor Fredebecker Strasse 11 Wittenburg
Dr. Nommensen Tierärztlicher Inspektor 108th hwl

UNION OF SOUTH AFRICA

Cape Province

Cattle Breeders

Name and Address	Breed	Breed
A		
Aardt P T van & Sons Goede Hoop Somerset East	Friesland	(1) Devon
Aardt & Lervid van Al wal North	Friesland	Jersey
Aardt S van Bok 31 Lady Grey	Friesland	(2) Friesland
Add on N H Colanstock Schoomb e	Friesland	Friesland
African Irrigated Land Co Ltd Kendrew	Friesland	Shorthorn
Agricultural School Eisenburg Muldersvlei	(sp) Friesland	Shorthorn
Agencu ture Groofonten School of Middleburg	(1k) Friesland	Friesland
Albert n H C Waterford Durp River	(p) Jersey	Friesland
Allan W Brak Valley Baroda	Ayrshire	Friesland
Allcock H Bonneville	Friesland	Friesland
Allen John Post Office Breuregh Ra l	Friesland	Aberdeen Angus
Arnold J W Anvaldton East London	Friesland	Jersey
Auramp C D Raden Box 41 Burgersdorp	Friesland	Friesland
B		
Ba nes A C V R Barney Ken Road	Shorthorn	Friesland
Bar n father H J F Alphen Wynberg	Jersey	Friesland
Bara tser J 11 J Upper Harrington Street Cape Town	Fr esland	Friesland
Barnard M P O Box 3 W Key Alwal North	Friesland	Friesland
Barnardt I W Hoek Plaats Unswatdale Road	Friesland	Friesland
Barus Estate of late D Ben Avis Al wal North	Friesland	Friesland
Barrow E Esler O Drenburg	Friesland	Friesland
Barry C A Box 31 Ell of	Brown Sw ss	Friesland
Bartel W F 14 Brill Street East London	Friesland	Friesland
Bartlett J W Queenstown	Friesland	Friesland
Bartlett J P O Box 21 Mount Hopley Queenstown	Friesland	Friesland
Bartlett H Cathcart	Friesland	Devon
Bartlett W H Home Park Queenstown	Friesland	Friesland
Basson Nico J Oudepost Darling	(p) Fr esland	Devon
Basson W J Zwartwater Darling	(p) Friesland	Friesland
Batterson J A Durheimfontein Birds R ver	Shorthorn	Friesland
BEAL-FRESTON Z K Rexell Park Waku	Friesland	Devon
Bleam h M Moonfontein Lower Adamson	(1) Shorthorn	Friesland
Bekker A L Kuppehuvel Steynsburg	Afrikaner	Friesland
Bekker C Junr Landsknap 1 Steynsburg	Fr esland	Friesland
Bekker C Braamspruit Al wal North	Shorthorn	Shorthorn
Bekker H N Zonietich n Myburg Ra l	Fr esland	Friesland
Bekker J van A Kortaf Myburg Ra l	Friesland	Friesland
Bekker S Braamspruit Al wal North	Shorthorn	Friesland
Bennett J P & Son Aucacity P O Linton van Adela de	Fr esland	Friesland
Bennet E L Bonte vale	Afrikander	Friesland
Bergel Estate Deep River	Fr esland	Friesland
Bester E A Carl sie Bridge van Grahamstown	Afrikander	Aberdeen Angus
Bester M L R Sunnys de Carl sie Bridge van Grahamstown	Friesland	Shorthorn
Bich E F V Blaauwkrantz Queenstown	Friesland	Friesland
Blackburn C C Hopewell Glen	Friesland	Shorthorn
Blackwood T A W Box 57 Vryburg	Shorthorn	Friesland
Blo of old H M Rockhurst P B Grahamstown	(1) Shorthorn	Friesland
Borchfeld L Koppes	Shorthorn	Friesland
Botha J A Vredesdorp Dordrecht	Botha J A	Ayrshire
Botha S C P G Matrepara Rooiboshoegte	Friesland	Friesland
Both na W F Badspru t Al wal North	Friesland	Friesland
Botma W Al wal North	Friesland	Friesland
Bowen H Queenstown	Friesland	Friesland
Bowen H H Lily vale Queenstown	Friesland	Friesland
Bowen J Hamilton Box 41 Queenstown	Friesland	Friesland
Bowers The Estate of the late W Box 41 Lilyvale	Friesland	Friesland
Queenstown		
Bowers D C & Son Doornburg P B Trollip Sid ng	Afrikander	Friesland
Bowker D M P Whitekirk P B Trollip Sid ng Rosemead	Afrikander	Friesland
Bowker M B Dunkeye Cathcart	Shorthorn	Friesland
C		
Campbell C C S Rocklands Fort Beaufort	Shorthorn	Friesland
Campbell W J H bbs Street Cambridge	Friesland	Friesland
Carruthers T R D P O Box 50 Port Elizabeth	Friesland	Friesland
Carter Mrs S J Compensal on P O Matatide	Jersey	Friesland
Cartern ut F F Spier Lynedoch	Friesland	Friesland
Chase A F R Sufolk Estate P B Watson a Dist E L	Jersey	Friesland
C hlers Bros Box 9 Worcester	(1) Friesland	Friesland
Cloete B W Waterford Kroon e	Friesland	Friesland
Cloete C L Bamboesbosch Lady Grey	Friesland	Friesland
Cloete H Herbert s Hope Bedford	Friesland	Friesland
Cloete L S Malons a kraal Bedford	Friesland	Friesland
Cloogh J D Al wal North	Friesland	Friesland
Coates W V Ravendale P O Addo	Friesland	Friesland
Coetzee J W P O Murrayburg	Friesland	Friesland
Collett Bros The Grange P O Unit inkulu E G	Friesland	Friesland
Collett J O Roo Spruit Rossmore	Friesland	Friesland
Coll er F H Morcane P O Venterstad	Friesland	Friesland
Compton Na or C McG Matat e E G	Friesland	Friesland
Cordery Bros Sandilafs ew Amali	Friesland	Friesland
Cornell H A Silverstrea n Molteno	Friesland	Friesland
Cottrell L G Lora ne Kounga	Friesland	Friesland
D		
Davenport J E The Springs P O New Amali	Aberdeen Angus	Friesland
Dav s C Holmes Olanand Cedary lie	Shorthorn	Friesland
De Beers Cons M nes Ltd Box 616 Kurberley	Shorthorn	Friesland
Drenger D H P O Box 66 Molteno	Friesland	Friesland
Dwicks A F Lewman s Drift Queenstown	Aberdeen Angus	Friesland
Dwinger H W O Matabelle	Shorthorn	Friesland
Dold H O Krants Drift Box 50 Grahamstown	Shorthorn	Friesland
Dormel J Glen Lyon Warita 1	Friesland	Friesland
Douglas Mrs J H Constien P Bx Grahamstown	(p) Friesland	Friesland
Dreyer John Harenskral Hope el	Friesland	Friesland
Dreyer M V r marstonville Durbanville	Friesland	Friesland
Dryer W A p phenel	Friesland	Friesland
Duck tt F J The Towers Darling	Friesland	Friesland
Duncan J C Langeberg Lstate Durbanv lie	Friesland	Friesland
Duvenhage R komfonte n P O Middelburg	Afrikander	Friesland
E		
Eaton F L Wardens Fort Beaufort	Friesland	Friesland
Edwards Bros Hultstone Schoomb e	Shorthorn	Friesland
Ella H & Sons Glen Ella To se River	Friesland	Friesland
Elley Capt S West Bank Oudshoorn	Friesland	Friesland
English Mrs C E Schoongezicht Jonker s Hoek	Jersey	Friesland
Stellenbosch		
Evans O W R Melrose P O East Port	Friesland	Friesland

Name and Address	Breed	Name and Address	Breed
F		L	
Faure J A Zandvlei Faure S d ng	Friesland	La ng W T Blackwoods Sey our	(s) Friesland
Featherstone J H Raree Bosch V ller Station	Friesland	Land nan J C Oak Grove 1 an	(s) Friesland
Tell F R pley Pr ate Bag Umlaas Road	Friesland	Lategan A H Morgenroon Cra lock	Friesland
Fell Bros Doon 1 O Thon as R ver	Shorthorn	Loubser G P C Oortman post Kheupveul	Friesland
Felix G W Cletalee Tiden as	Shorthorn	Loubser J H Wreless Sta on K l phevel	Friesland
Fincham T & Son Imvami	Shorthorn	Leach H Grassmire P O Huk noa Queenstown	Friesland
Fletcher H V knisfont n P O Ne arket 1 C	Red Poll	Leonard P F O Box 51 Gwendower kolkata	Friesland
Forrester R C Blackpool Cathart	Friesland	Lepp F E Swallow Kranz P O Spring Valley	(s) Devon
Fotheringham D Waterfall Kokstad	Shorthorn	Limde S J ander Bloemhof Ho fneyer	Afrcander
Foucher F J Junr Box 48 Lady Grey	Shorthorn	Lloyd E G komam Queenstown	Friesland
Frost C C Retpote 1 B Frank n	Friesland	Lombard A C Tigerkloof Koodenogte	Friesland
Frost F E kn n s Chen Cyphergat	Devon	Lombard V S J & Son Req est Beiford	Friesland
Frost W & Son Th bet Park Wa rley	Friesland	Long H Kroom e	Friesland
G		Loubser G P C Kheupveul	Friesland
Galpin Bros Plaat esfonte n Dwaal Ra l	Friesland	Loubser Hermann C W ttekl p Vredebung	Friesland
Geil ng A Pima Box 12 Vrburg	Shorthorn	Loubser P C Box 12 W ttekl p Vredebung	Friesland
Gaud F Port Elizabeth	Friesland	Louw A D J Elms River	Friesland
Gaud T Bagshaw G baul & Co Port Elizabeth	Friesland	Louw J D Clarence V le Durban Road Mosbray	Friesland
Gibbison Bros Strathlinton Conway Stat on	Shorthorn	Lovermore W L Preston Park Box 93 sandflats	(s) Friesland
Gibson W C Parad se Cedar le	Friesland	Luckhoff A Zuurplaat Craff Re net	(s) Friesland
Goddard Cecil M Nettle Grove Tarkastad	Devon	Lyon A F Matola P O komha	Shorthorn
Gossen G P Joubert Street Queenstown	Friesland	M	
Gordon J M Col aberg	Friesland	McCabe H H R verdale Graaff Re net	Ayrshire
Graaff S R d de Hart De Grendel 1 B Cape Town	Friesland	McDougall S Stratheden Colerberg	Friesland
Cradwell M J Joubert 1 O Carl se Bridge	Afrcander	McEwan T B Speer Standford 1 ark Box 2 Tarkastad	Shorthorn
Cramer J R Cro well Umz muku	Shorthorn	McGregor G Stellenbosch	Ayrshire
Cregory J R Box 16 Molteno	Shorthorn	McKenzie E Hector P O Box 1609	Jersey
Creyling B M J Box 38 Lady Grey	Friesland	McKenzie R The Hock Cedar le	Friesland
Creyling D W J knorschoot n Dordrecht	Friesland	McKenzie & Son Box 4 Dorington Molteno	Devon
Crobbelaar F J J Smalhoock Adela e	Friesland	McK nelli H Box 38 Lady Grey	Friesland
H		McK nng R J G Wreless Tarkastad	Shorthorn
Haarhoff Landbou S hool klaasvoog is	Friesland	McN illan D Fmerald Vale P B Umdanzani East	Shorthorn
Hal C K The W loas M ddelg r	Shorthorn	N	
Hankem H A Hankem hoop Moorsburg	Friesland	Naughton S B Tlanskloof Halt D st Graaff Re net	Ayrshire
Hard ng A Larker Frankfort	Friesland	Nager 1 K P O Box 74 Queenstown	Friesland
Hargreaves E B D Blakeley Matat ele	Friesland	Nalan J J Speer House Caldon	Jersey
Harvey J T Harrevton Barkley Bodge	Friesland	Malconess C H Wolsley P O Berl n	Friesland
Heerden 1 B van Kaalplatts Cradock	Friesland	Malkebe G F Rehobots kraal McGregor	Jersey
Heerden J van S Sons Doornberg Ave Bethesda	Friesland	Ma kerbe J G Dalysophat Paarl	Jersey
Heerden S C van Strijpder S berna Dordrecht	Afrcander	Vallett C W Mayene Queenstown	Friesland
Heever C M van der Rustfont e n 1 b l pstown	African ter	Nara s Bros Goede Hoop Can cross Glen Bedford	Afrcander
Heever D van d r Deplonte n 1 b l pstown	Friesland	Nara s C J Blaauwkrans P O De Aar	Shorthorn
Henn ng Mrs F Moldepoort P B Al wal North	Friesland	Nara s D F Box 23 Lady Grey	Friesland
Hend n S W lowden ne lenth	Devon	Nara s J Kheupkral Lady Grey	Friesland
Hend n M Grend n Sryburg	Devon	Nara s J C Marais Rust Dordrecht	Shorthorn
Hillhouse John Wash ngton Inda	Friesland	Nara s 1 C Newwagpruit Myntfontein S d ng	(s) Shorthorn
Hillhouse W Thornh ll Indwe	Devon	Nara s S J Box 38 Lady Grey	Shorthorn
Hockley Ross Melrose Graaf Re net	Friesland	Nara s S J Junr Smoorfontein P O Rossouw via Dordrecht	Shorthorn
Holmeyer J H Box 19 Cradock	Friesland	Nara s W Min S M Damfontein P O Myntfontein Sid ng	Afrcander
Holland F H M l ad e Despatch	Friesland	Nara s W S Erelfontein P O Myntfontein S d ng	(s) Friesland
Holmes R C Ke drew	Friesland	Narst Bros U mthage	Friesland
Holmes Davis C Oatlands P O Cedarville	Friesland	Matthews H F Woodstock Box 11 Alice	Shorthorn
Houston A R M Good Hope Franklin	Friesland	Mazzur M Tiger Vez Panow	Friesland
Hrowth L H Sweet Kloof P O Adedale	Red Poll	Mick Martin 1 O Berr k ver	Friesland
Huyber C H J Clauridge Naplaard	Shorthorn	Merve J H van der Kofffontein P O Leeuwspuit via Bailour	Afrcander
Huyter T H S Kob nson St Beaconsf eld	Friesland	Merve J J van der Vlnfontein P O Deelfontein	Afrcander
Humphreys S F Poplar Grove Queenstown	Friesland	Meyer 1 S van der Marredale Ladybrand	Friesland
I		Mettall H E Glen La vryburg	Friesland
Imperial Cold Storage & Supply Co. Ltd Box 60d	Friesland	Meyrowitz S Matatiele	Friesland
Capetown	Jersey	Micha s J J Braamere Cradock	Friesland
Ingle F Iont Drift Warren ton	Friesland	MICHAU F W Doornhoek Cradock	(s) Friesland
Iris n C D H Wende Bot Ri er	Friesland	Micha W J Joubert Box 97 Cradock	Friesland
Isted A W Wartra 1 Barkly East	Friesland	Mika L E Galla Water P O Wreless Queenstown	Shorthorn
J		Mil R O Hornberrdt P O New Amal	Shorthorn
Jaars eld J S van Drongefont n Dordrecht	Brown Swiss	M M A E Queenstown	Friesland
Ja kson R b N Ipcoort	(s) Friesland	Mika Elton 1 mome Queenstown	Friesland
Ja kson W N Musk etfonte n Colerberg	Shorthorn	Mika L E Queenstown	Friesland
Jagger H W Lourensdale 1 ste Bomsers West	Ayrshire	Mokor G Kwanaal P O Blykwaal	Shorthorn
Jagers H H Preen Dale M b tissa	Friesland	Mum A W R walds 1 O C t Albans Fort E zabeth	Friesland
Jansen Lee Bu by Park P O Oxtion Queenstown	Shorthorn	Muy J Crispmaur Box 6 M d rbo	Red Pol
James N H Wolf vee komha	Shorthorn	Muy J D Box 28 Lady Grey	Friesland
Jamson H J J Mount Hopley Queen town	Friesland	Muy to Ine Box 101 Kurensfontein	Friesland
Joubert C Junr Box 99 Lady Grey	Shorthorn	Muy to P W Hordman via ne Adla	Friesland
Joubert C D Private Bag Hrugool via Alwal n eth	Friesland	Mundel J A Box 70 Alwal North	Friesland
K		Kenny A T T Kooditiam Graaf Re net	Friesland
Kahnemeyer D V Chiapp nakby Bergend ap	Friesland	O	
Kalt A Malmerby	Friesland	P	
Kaliefat ewen Capt D Humans kraal 1 tittown	Friesland	Q	
Kemp A O Bluerum 1 la Adla	Friesland	R	
Kemp C npanen s Cathart	Friesland	S	
Kemp J C Bel R M Cathart	Shorthorn	T	
Kemp 1 N A ad e Wreless B Waku	Shorthorn	U	
Kent Anb C ra and 1 O V l et Brown G a a out vee	Shorthorn	V	
Kew 1 W e o l Lived Kwanaal Queen	Friesland	W	
Killelfontein 1 O Box 43 22 Jongs n ret k mleria s	Friesland	X	
K ng A C A Son Vreless Jongs n ret k mleria s	Shorthorn	Y	
K ng J N C Wreless Tarkastad	Shorthorn	Z	

Name and Address	Breed	Name and Address	Breed
Murray A F & Son Bloemhof Glen Harry	Friesland	Saunders F Oudtshoorn	Friesland
Murray T E & Sons Roodbloom Graaff Reinet	Friesland	Schalk W J A E van Zoutzakfontein Vredenburg	Friesland
Myburgh J W Joostenburg Mulder s Vies	Friesland	Schoeman J Box 132 Oudtshoorn	Friesland
Myburgh P A Hercules Pillar Mulder s Vies	Friesland	Schoeman P J De Doorns Somerset East	Friesland
N		Schoeman W Cradock	Africander
Nauve J A Ellandsdraa Hope Town	Africander	Scott Bros Kilsie Spring Valley Tarkastad	Shorthorn
Nauve P B B Huguenot Robertson	(p) Friesland	Scott W R Herpyn P O Spring Valley Tarkastad	Shorthorn
Nauve P C Esperance Worcester	Friesland	Searle J B Yardley Achtenburg	Shorthorn
Nauve W Overhex Worcester	Friesland	Searle W D Hopedale Queenstown	Friesland
Nel W A We tevrede (Nels vew) Lad smith	Friesland	Selzman Bros Middel Plaats Middelburg	Friesland
Nelmapus v H H De Oude Grostdy Tulbagh	Jersey	Septon J W Gleglye New England	Brown Swiss
Nelson P G Seemanspruit Malmesbury	Friesland	Sheard C B Bitterne P O To K ver	Friesland
Nelspot Sanatorium Nel poort	Friesland	Shogon G P O Box 492 Port Lizabeth	Friesland
Neser J A Mandendale P O Box 142 Klerksdorp	Friesland	Shone D Ben Avis Al wal North	Friesland
Niekerk A C van Firwoods Zuider Paarl	Friesland	Shuttleworth L W Box 5 Addo	Friesland
Niekerk F van The Gem Somerset East	Friesland	Singer I P O Box 1 Claremont	Friesland
Niekerk F D van Brakfontein Bedford	Friesland	Smal B R et Poel Caledon	Friesland
Niekerk G R van Albert Vale Bedford	Friesland	Smart Syndicate Ltd The Ercildoune Britstown	(s) Fries
Niekerk J A van Fransloo Somerset East	Friesland	Smart Syndicate Ltd The Mopagom Mantlani	Sussex
Niekerk S L van Box 25 Oudtshoorn	Friesland	Sm t J Klopogal Moorreesburg	Friesland
Niland H R Mount Pleasant P O Kroom e	Friesland	Sm th A De Kullen Knys R ver	Friesland
Niland L Shepherd s Bush Kroom e	Africander	Sm th Mrs C J Golde Hoop Al wal North	Shorthorn
Norton B S W Adelsburg Cape de Bridge	Friesland	Sm th D W Jbs Umunkulu	South Devon
Norton J D Caves Rust Queenstown	Friesland	Sm th J Austin Holm Hill Farm Box 358 East London	Shorthorn
Nourse H 1 okstad	Friesland	Sm th J Pratt Rustfontein n Alwal North	Friesland
O		Smuts C B Tar View Brackenfeld	Friesland
O'Hara B C o E G Lloyd Queenstown	Friesland	Southey Capt C H Southfeld Cedarville	(sh) Shorthorn
Olivier P Towers Oudtshoorn	Friesland	Southey H I Waterfall Steynsburg	(s) Devon
Oosthuizen J J Stockton Box 9 Cathcart	Africander	Southey J O Varkens hop Schoombie	(s) Shorthorn
Oosthuizen J J Junr Ellington Cathcart	Africander	Southey Estate of the late W R Driefontein Steynsburg	Devon
Orcherson J M Ngoma North O Tweespruit	Friesland	Spencer A G B Content Imvao	Friesland
O'Reilly Dr Hope town	Friesland	Starke Bros Mulder s Vies	Friesland
Orpen G Kruidfontein	Friesland	Starke E Joostenburg Moulder s Vies	Friesland
Orpen & Son Avoca New England	Friesland	Starke L & C Joostenburg Moulder s Vies	Friesland
Owen Snow Dr C George	Shorthorn	Starkes Sellaag Farms Ltd Mowbray	Friesland
P		Steenkamp T J P O Box 65 Mooplaats Alwal North	(s) Friesland
Pa nter Bros Waterfall & Endwell Kroom e	Shorthorn	Steyn J O Box 4 Ja nes Town	Friesland
Pa nter S H Box 4 Iort Beaufort	Aberdeen Angus	Strachan & Co Ltd 1 Witk Crange Zwartberg	Friesland
Papirsky J Bromley Queenstown	Friesland	Stratford P F van Gysbergat P O Gysbergat Molteno	Africander
Park R W Ronten P O Milton a Ha key	Shorthorn	Suttons R ver Darty Livestock Co-operative Society	Jersey
Parr J H P O Box 453 Bloemfontein	Friesland	P O Selbourne v a Addo	Friesland
Pearson N R Lower Miness P O Glenhorn Adela e	Shorthorn	Suttons R P O Box 11 Kokstad	Friesland
Pedley D B Red Bank Camps Ba	Friesland	Swanepoel J A C Kri smenfontein Notkop	Friesland
Peeters A Saltberry Ille a Coalbrook	Friesland	T	
Penberth, W P Schoon Spruit Mal e bur	Friesland	Ta nton A C M Haddon Kent Road	Shorthorn
PEPLER REV B Arandel	Friesland	Theunissen J J Vergelegen Box 14 Colesburg	Friesland
Pieper G E Gysberg Middelburg	Friesland	Thompson & Fulton Avenue H H Frank n	Friesland
Peter H F Sterksfontein	Shorthorn	Thompson F C Comfort H H Estate Border	Friesland
Petre Comp C H R N Wlow Ire Farm Addo	(s) Jersey	Thompson W I Graspan Estate K mberley	(s) Friesland
Ph lip J Fairbairn Thorndale O ange R ver	Ayrshire	Thomson Bing en N A Mansfeld Kopstad	Ayrshire
Phlips S S Lonsd & Lady Vergelegen Somerset West	(s) Jersey	To H I du Caroluspoort P O Naauwpoort	Africander
Pieter R J Queenstown	Friesland	To H I du Caroluspoort P O Naauwpoort	Brown Swiss
Pless D J du Newjaarspruit Wepener	Friesland	Torr T A F Maryland Schoon b e	Jersey
Pless S H J du Waldebeestuk Steynsburg	Friesland	Tracey Mrs M B P O Jurgovs Station	Friesland
Plessus P J du Buffshoek P O Zwagerhoek	(s) Afr and	Trag dza J I von a Rosebank	(s) South Devon
Pope C A 108 Elden St Queenstown	Shorthorn	Troll P R J Alandale Rosmead	Shorthorn
Pope F March Molteno	Devon	Troll P R J & Sons M o nt Prospect W tmos	Africander
Pote Peter J S Rathmore Naclair	Brown Swiss	Trolope H Wardens Port Beaulort	Friesland
Potgieter H J Jark Last	Friesland	Trow H C Xobo Box 1 Idutywa	Africander
Preston J Beal Exa H Jark Waku	Friesland	Turner H N W W l on Middelton	Shorthorn
Pretorius F Conway	Friesland	U	
Price C B Queenstown	Friesland	Uni ers ty of Stellenbosch Stellenbosch	(p) Friesland
Price C A P Thornhill Queenstown	Friesland	V	
Pringle M E Leeuwpoot I O Spring Valley Tarkastad	(p) Devon	Vennaker & L p h a P O Box 155 Oudtshoorn	Friesland
Pringle W Haddon P O Adela e	Africander	Vennker L L Col J C Broad and Dist Oudtshoorn	Friesland
Prins D H I O Fort Beaufort	Friesland	Venter A Hartbeestfontein S S hoomb e Station	Africander
Probert G Herbert P O Glen Harry s Rosmead	(s) Jersey	Vermack H C Steynsburg	Friesland
Pugh C S Stud Farm P O Waverley	(s) Hereford	Vermack J A Zutfonie n Henning	(s) Friesland
R		V e A C & Sons Box 18 M o tno	Shorthorn
Rademeyer J M & Sons Box 10 Humansdorp	Friesland	V e M as G & T Helderfontein n Stellenbosch	Friesland
Rattray J Stellenbosch	Friesland	V e M s H J M o vakraal Myfontein S d ng	Afr and
Rennie F Mpatone Kokstad	Friesland	V e M s T S hotelfontein n Richmond	Africander
Roberts G T S Lenton C rove Steynsburg	(s) Friesland	Vorster J M W dpoort Al wal North a	Friesland
Roberts J Estate J C othebush Kroom e	Shorthorn	W	
Rodger Col T H Dryharts	Friesland	Wagenaar B J R Klipfontein n Box 14 Jamestown	Shorthorn
Rogers C Rutherford Box 1 Addo	Friesland	W a d e J Hosp ita l Farm Thomas River	Friesland
Rosenbaum L Co ub e Jark Iay London	(p) Friesland	Walden J W 15 Stanley Street Beaconsfield	Friesland
Rosenrath Estates Ltd Greelike I O Lani baan	Friesland	Walker J Ch ozy Farm Ma a Road Retreat	Friesland
Ross & Sons C a re Bedford	(p) Friesland	Walker J I Walford Knapsaar	Friesland
Ross & Sons Venn Grove I O Glen Lynden	(s) Friesland	Wal h J J Caledon	Friesland
Rossouw D G Klein Drakenstein	Africander	Wal t J dan ver tlandsfontein P O Barendkraal	Africander
Rosson v J J Parys Dalysophat Iva I	Jersey	W a l J d d e l l v e r	Jersey
Routell R Kroom e	Friesland	Walters S A bakfontein Malmesbury	Friesland
Roux J H le Draken Cookhouse	Friesland	Warren I O Oudtshoorn	Friesland
Roux J H I Bakens kraal Box 25 Oul lon n	Friesland		
Rox a D le Box 166 Oudtshoorn	Friesland		
Rox s S I le Middelburg a D et Oudtshoorn	Friesland		
Ruizel W A Da hair (raaft R n t	Friesland		
Ryan H E I lan n Ta kastad	(n) De on		
RYANVELD J VAN Tafelberg Hall Tafelberg	(n) Ayrsh re		

Name and Address	Breed
Southey F W Hillmoor Steynsburg	Merino
Southey H L Waterfall Steynsburg	(c) Merino
Southey J H Hillmoor Steynsburg	Merino
Southey J O Varkens Kop Schoombé	(c) Merino
Southey L C Shanks Steynsburg	Merino
Southey D L Waterfall Steynsburg	Merino
Spence Bros. Beaconsfield Graaff-Reinet	Persian Bk Hd
Staples F Sunny Dell Middelburg	Merino
Steenkamp T J P O Box 65 Moo-plaats Alwal North	(c) Merino
Swart C A Maandag Zout River P O River Zonder Ford	Merino
Taylor P S Moosvlei Lower Adamson's Bank	Merino
Thompson W E Graspan Estate Klerks	(c) Persian Bk Hd
Trollip R F Alandale Rosmead	(c) Merino
UWS J J R Kapkamma Heidelberg	Merino
Vernaaik H & B Weltevrede Hofmeier	Wanganella
Vernaaik J A Zurfontein Hennings	(c) Merino
Villiers H de Vloer Lodge Beaufort West	(c) Merino
Voster S W Junr Buffelsvlei O Rosmead Junction	Merino
Walker J P Watford Knapslaar	Merino
Watermeyer C C The Kaagies Aberdeen	Merino
Wetland J A van der Delville Venterstad	Merino
Wetland J A van der Delville Venterstad	Merino
Wijk J J van Jursfontein Loxton	Merino
Willmott Thos Prospect Ld.	Merino
Wilton J Kamfers Kraal Nelpoort	Merino
Wright J W Ju r Bowden Hall Middelburg	(c) Merino
Yong G W Jun The Meadows P O Franklin	Merino
ZYL F J VAN P O Box 28 Buffelsvlei, Colesberg	(c) Wanganella
Zyl C Ritz van Rokin Thebes	Merino



A Veld Family

BLACKHEAD PERSIAN SHEEP

The quick-maturing hardy thrifty South African mutton breed. We have one of the oldest flocks in the country—over 200 ewes registered in South African Stud Book Write us.

**JOHN E. BIGGS
& SON,
BROOKLYN
Graaff-Reinet, C.P.
South Africa**



No artificial feeding of
sheep shown in advt.
Natural pasture only

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural School Elsenburg Muldersvlei	(c) Tamworth Berkshire Large Black	Pitt F D Mattevlei Klappmuts	
Albertus H C Waterford Durp River	(c)	Pringle M E Leeuwpoot P O Spring Valley Tarkastad	(c)
Amazani Estate Ltd, Amazani Estate Dist Uitenhage		Randall C J Kruidfontein Graaff Re net	(c)
Basson Nico J Oude Post Darling	(c)	Rogers C Rutherford Box 1 Addo	
Basson W J Zwartwater Darling	(c)	Rosemuth Estate Ltd Geelbek P O Langebaan	(c)
Douglas Mrs J H Conston P B Grahamstown	(c)	Solomon A V Aviston Melville Road Plumstead	
Duthie W H M Belvidere Knysna		Stamper R H Hurley House Mowbray	
Frer C C Cleveland Lodge East London		Starke A Highlands P O Durbanville	
Irost J G P O Rocklands Waverley		Starke L & G Joostenburg P O Mulders Vlei	
Grobelaar F W J Smalhoek Adelaide	(c) Berkshire	Stern W P O Succabaum via De Aar	
Head G A W, Parel Valley Somerset West	(c)	Struben P H Bridgewater Somerset West	
Hiscock S, c/o Hiscocks, Ltd Box 5 Wellington St		Stuart Dr W L Vogelstruisfontein Klipheuwel	
Hoor C J I O Vlaaykaal via Dordrecht		Tweddle Mrs J C Bonchurch Cathcart	
Indwe Pigery Indwe		Unversity of Stellenbosch Stellenbosch	(c)
Jenkinson W A Arundel Somerset West		Vintcent St J Peterken George	
Jones R V Russell Loksassa Barode	Large Black	Wallis Mrs J G Thorn Cliff Conway Station	
McDonald Donald P Pearl Valley Somerset West	Large Black	Ward Miss D K Rocklands St Albans nr Port Elizabeth	
Marshall A J Middelport Box 4 Middelburg	Large Black, Berkshire	Webb E J Bencheld Tweespruit	
Maring J G Litzlugg De Wet Station		Wrie A H Loutfontein Estate Somerset West	
Muller F W Selbourne Addo		Western Province Preserving Co Ltd Orchard Rd: Hla River Valley	(c)
Murray Miss K Palmiet River Elgin	Berkshire	Wet J S de Excelsior Ashton	
Naupe F B B, Hugenoot Robertson	(c)	Woodcock Major J B H Heathmanstreet Box 11 Vryburg	Large Black
Osborne T W, Park Farm Martindal Bathurst		Young F W Wanstead Franklin	
		Young G Caner n Bon Nevis I O Newmarket	

Horse Breeders

Name and Address	Breed
Agriculture School of Grootfontein Middelburg	(csp) Percheron
Forbes, Arthur Temple Stud Farm Schoombie	Hackney
Hewitt R K c/o Philip Bros Port Elizabeth	Hackney
Kingwill R P Gordonville Graaff Reinet	(cs) Shetland Pony
Michau P W Doornhoek Cradock	(c) Percheron
RYNEVELD J VAN Tafelsberg Hall Tafelsberg	(s) Clydesdale
Southey Capt C H Southfield Cedarville	(cs) Thoroughbred
Van den H A Moordkuil Worcester	Percheron
Wet J S de Excelsoor Ashton	(cp) Hackney
Wet J E de Brandvlei Worcester	(c) Percheron
ZYL F J VAN P O Box 28 Buffelsvlei, Colesberg	(s) Heavy Draught

DAIRY SHORTHORNS

Registered Coates Herd Book, Shorthorn Society of
South Africa Young Bulls always for Sale

TASMASIAN MERINO SHEEP

Rams at Moderate Prices

MIDDLE WHITE YORKSHIRE PIGS

Always for Sale

**SUSSEX POULTRY and OLD ENGLISH
SHEEP DOGS.**

HUNTER BROS., HOMESTEAD KLIPRIVER
TRANSVAAL S. AFRICA

Transvaal
Cattle Breeders

[illegible]

Name and Address	Breed	Name and Address	Breed
Transvaal Consolidated Land Ltd Romdebosch Ranch	Sussex	Wentzel F J Waldehoenderkraal P O Bloemhof	Africander
Transvaal Estates & Development Co, Ltd, 66 Main Street West, Johannesburg	Friesland	Wessels E J P O Box 16 Dullstroom	Friesland
U		West End Farm & Ranch Co Ltd Box 311 Johannesburg	Shorthorn
Usher A W Box 3 Balfour	Friesland	Wevell A & E G P O Box 59 Bethal	Friesland
V		Wevell J Box 59 Bethal	Friesland
Vereniging Estate Ltd. Box 49 Vereniging	(s) Shorthorn	Whepp H J P Lelatie P O Newagatha	Devon
Vusser G H C S Carolina	Friesland	Wilkins J Box 115 Klerksdorp	Africander
W		Wishart R Austral Estates Box 11 Holmdene	Friesland
Walker F J P P B Langlaagte	Friesland	Wouthouse J Box 10 Platrand Standerton	Friesland
Warby Maj J W Box 6265 Johannesburg	Sussex	Wright R W Thorncastle nr Brabastad	Red Poll
Webb A H P O Box 92 Dave	Shorthorn	Wyllie J M 13 Pretorius Street Pretoria	(s) Friesland
Webb J P O Westhuizen Dist, Bloemhof	Friesland		Ayrshire
Webster Estates W A Devonia P O White River	(sp) Sussex	Y	
Wells Bros Johannesburg	South Devon	Younger Mrs J Box 7 Balfour	Friesland
	Friesland	Younger The Estate of J Box 7 Balfour	Friesland
		Z	
		Zacks & Schultz Moorplaats Box 19 Breyten	Friesland

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
B Bar -- Northam Rustenburg	Suffolk	R Reynolds S F Zandbaken Val Standerton Dist. Robertson Hon A G Amersfoort Robertson V L P O Box 40 Amersfoort	(c) Suffolk Merino Merino
C Collins J C Magistrates Office Lyndenburg Coniston Estate (H W Fane) P O Waterpoort Cross C P Box 30 Machadodorp	(cp) Merino Blk Hd Persian Merino	S Scott V W Alandale Farm Box 11 Witbank Shaw E Cedarfont Simpson Montagu P O Box 621a Johannesburg Smith Jos & Sons Box 3 Val	(c) Suffolk Dorset Horn (cp) Suffolk (c) Merino
F Franklin M Box 32 Davel	(c) Suffolk	T Todd J Ball ndalloch Farm Potgietersrust	(cp) Blk Hd Persian
H Hamilton J M Garngour Cedarfont Hoy Col C N Eloff Street Johannesburg HUNTER EROS, Homestead, Elberiver	(c) Merino Suffolk (cp) Merino	V Verreenging Estates Ltd Box 49 Verreenging	(c) Merino
L Lucas A B Shenfield Kockemoer	(c) Suffolk	W Websters Estates W A Devonla White River Wylie J M 13 Pretorius St Pretoria	(cp) Suffolk (c) Suffolk
O Orford Dr H J., Bosworth Farm Mlerksdorp	(ca) Woolled Persians		

Pig Breeders

Name and Address	Breed
A	
Acutt & Fuller, Fairbridge Farm, Kromdraai Station	
African Irrigated Land Co., Ltd. Box 7653 Johannesburg	
Agriculture Faculty of Transvaal University College Pretoria	(c)
Anghem Estates, Ltd. Box 5233 Johannesburg	
Antrebus R F J., Cloud End, Johannesburg	
Archer Capt W A., Thynan Estate, Box 48 Potgietersrus	
B	
Beck L A., Box 15 Premier Mine	
Beginal Training Farm, The Standard w	
Berg C J van der, Hartmann's, Box 62, Pietermaritzburg	
Burch C J., Roeston Amot	(f)
Burgess H., Rand Club, Johannesburg	
Burne T J., The Firs, Merveton	
Burton Mrs K. C., Mashaba's, P.O. Louisa Trichard	
Bushman J. T., Iwerberg, P.O. Newrypan	
Bwambet, Miss W., Rosson, P.O. White River	
Ryl, J. A. van der, Tree Estate, P.O. Irene	

Name and Address	Breed	Name and Address	Breed
G		N	
Gillet F B Box 47 Ventersdorp	(c) Berkshire	Nash S J Bandlerhop	
Grewar T B P O Vaalwater via Nylstroom		Neergaard P Box 3 Zockmakaar	
Gullan L Box 19 Germiston		P	
H		Pole J W A Box 21 Kinross	
Hall H L & Sons Ltd Tomango Nelspruit		R	
Hammon W J Box 93 Jeppe Johannesburg		Ralston Capt S M Toke Farm Pietersburg	
HUNTER BROS Homestead Elphriver	(csf) M W Yorkshire	Renecke T G W Box 181 Potchefstroom	(c)
Hutton J S Box 9 Pietersburg		Reynolds D G Box 19 Val Station Standerton Dst	
I		Roban Estates Ltd Pannagur Road Westcliffe Johannesburg	
Ivy J R I O Munnik		Ross T & Co The Grange Dwaars River Box 35 Pietersburg	
J		S	
John H H Pomona Estate Ke npton I ark		Simpson Montagu P O Box 245 Johannesburg	(cs) Large Black
Johnson C W Johnsonia Private Bag Pietersburg		Stark Mrs J P Box 115 Springs	
K		Struben F L B Lynwood Pretoria	(c) Large Black
Kheneburg Box 40 Pietersburg		Sugden A II Willowkloof Farm P O Box 2 Estantia(c)	
L		T	
Laver D C Box 169 Fordsburg		Thompson C Gordon Aspley Box 5 Holmdene	
Leibbrandt H P Ons Plaas Pretoria North	(c) Large Black	Thompson W J Private Bag Gyferkui Pietersburg	
Landberg A V Vaalbosch Kingswood	(c) Large Black	Todd John Ball ndalloch Potgietersrust	(csf) Berkshire
Lundie M Matapuna Market Street Pretoria		W	
Lyle Lt Col J C V P O Lou's Tr chard		Webster Estates W A Devonia P O White River	(cs)
M		Wilson T J H Hluse Devonon	
Mackintosh Mrs M The Grange Moordrift		Z	
Martin W A Box 436 Johannesburg	(c)	Zoccola M A 54 Kerk St Box 2754 Johannesburg	
Melle H A Box 611 Pretoria			
Montgomery Bros Eglinton Farm P O Munnik			

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Orford Dr H J Bosworth Farm Klerksdorp	(cs) Mules	Ralph C 22 Pretoria St Hospital Hill Johannesburg	Hackney

Orange Free State
Cattle Breeders

Name and Address	Breed	Name and Address	Breed
A		B	
African Farms Foxhill Winburg	(p) Friesland	Bester M J Aberfeldy	South Devon
Agricultural School Box 36 Tweespruit	(sk) Friesland	Bethlehem Orphanage Bethlehem	Friesland
Agriculture Government School of Glen	Friesland	Biljon A M van Sear Doornbult Hoopstad	Africander
Anderson P A Box 18 Winburg	Africander	Biljon A M van Sear Kromkui Hoopstad	Africander
Arnold Capt Westminster	Shorthorn	Biljon E H van A/son Abrahamskraal Hoopstad	Africander
Aswegen W J van Bloemhof Box 12 Iroumsburg	Friesland	Biljon E H van p/son Kromkui Hoopstad	Africander
Atkins A S Hope Valley Farm Ferreira Bloemfontein	Shorthorn	Biljon Petrus J van Kromkui Hoopstad	Africander
	Friesland	Biljon S P van Groothoek Hoopstad	Africander
	Ayrshire	Birch H Wyndley Malvern P O Springfontein	Friesland
		Blay R Grange Farm Bloemfontein	Friesland
		Berk A C van Quaggafontein Bloemfontein	Friesland
		Berk F van Box 124 Harrison th	Friesland
		Blere H W J R venhill Ficksburg	Friesland
		Boden W R Essex Farm P O Greenlands Stat on	South Devon
		Boshoff I E Damhoek P O Bultfontein	Africander
		Dos nan J & Son Salzman Street Bloemfontein	Friesland
		Dosman V Bloemfontein	Friesland
		Bothavie Blum pal ly Bothaville	Friesland
		Bothua J M National Bank Bloemfontein	Friesland
		Bourball A F Cambrail Modderpoort	Friesland
		Bourke B J Karrooim P O Verfontein	South Devon
		Brandkop Farm Co Brandkop	Friesland
		Brandon T H Modderpoort	South Devon
		Brierty J J Parana P O Sepani	Shorthorn
		Brit settlement of S Africa Ltd Box 77 Bloemfontein	South Devon
		Brown A Rietfontein Meadows	Friesland
		Brown Gilbert Bloemfontein Box 74 Reits	AberdeenAngus
		Bruny G C P O Welgelegen	Shorthorn
		Bruyn I A de Koppiesfontein P O Vet River	Africander
B			
Badenhorst A J Mount Paul Harris Smith	Africander		
Baker R J Killarney Tweespruit	Friesland		
Ballot C Sunnyside via Bethlehem	Aberdeen Angus		
Bardner H D Drieheok Zara Stul Swanburne Harris Smith	(p) Friesland		
Barlow Mrs A G Bloemfontein	Friesland		
Barneveldt J H van Box 38 Reits	Friesland		
Barry Jaul Nieuwjaarsfontein Meadows	Friesland		
Larry T Abukokkraal Ficksburg	Friesland		
Basson Mrs H A Greenkloof Modderpoort	Friesland		
Beck Capt C A The Hall Baywater Bloemfontein	Shorthorn		
Beck Ltut F Looingh van Rabon e Ranch Hoopstad	Africander		
Becket J I Lrdleed Lindley	Friesland		

Name and Address	Breed	Name and Address	Breed
C		H	
Carding W H Weltevreden Bloemfontein	Friesland	Harcourt Vernon A H P O Box 6 Cloccolan	Jersey
Carter C G Burgundy Westmister	Friesland	Harding & Parker Box 38 Frankfort	Friesland
Champion C W Junn Balacava Twp Spruit	Red Poll	Hart on H Wallop Cloccolan	Friesland
Chicken A Boschrand Senekal	(1) Friesland	Harpe J B de la Caledonsport Fouriesburg	Friesland
Clarkson R T & Son Vaalbanke Reitz	Red Poll	Harpe L P de la Blackwoods Fouriesburg	Shorthorn
Clayton Sydney Modderfontein I O Heilbron	Aberdeen Angus	Harpe W H de la Schuurkop P O Roendal	(24) Jersey
Clayton W J P O Excelsior Westmister	Ayrshire	Hattingh S C Stolkraai Box 141 Rouxville	Friesland
Clydesdale Colliers Ltd Coalbrook	South Devon	Haxton K E Box 292 Bloemfontein	Friesland
Coleman G Kaalspruit Bloemfontein	Friesland	Heerden J H van Box 29 Theunissen	Friesland
Collett J C Waikeld Karre Station	Red Poll	Heerden M S J van Lucerne Theunissen	Friesland
Collins Cast J C Belt P O Marsala Dist Frankfort (1)	Aberdeen Angus	Hever L van der Botshakale Senekal	Friesland
Cooke W W Groothuk Estate Box 42 Theunissen	Africander	Henningson J S Rouxville	Friesland
Cox G F Lindley Road	Friesland	Hertog J H & Son Box 28 Jagersfontein	Friesland
Cronje J C C Norwegen Rouxville	Africander	Heydenreich F M Senekal	Friesland
Cronje H P J Tranon Box 11 Bushmanskop	Friesland	Hinwood Bros Box 256 Bloemfontein	Africander
Cronje J J Weigenbosch Thussen	Africander	Hitchcock T F T Box 12 Kestell	Friesland
Croze J L Box 28 Rouxville	Friesland	HOFFMANN, M J H, Kamille Bushmanskop	Africander
Cross A E Riverside Edenburg	Friesland	Holthausen A J Marona Bethlehem	Friesland
Crows J J Lourens Lindley	Friesland	Holtzhausen I P Ekord Senekal	Friesland
Crowthor P Mooiplaats Ficksburg	Friesland	Horsfall F H Box 434 Bloemfontein	(P) Shorthorn
Cuning F L Losdoores P O Odendaarsrust	Shorthorn	Howell H Rockwoods Meadows	Friesland
Curoow R P O Box 10 Kroonstad	Friesland	Huyssens Rev P H van Lindley	Friesland
		Human J I Vaalhoek Lindley	Friesland
		Human V G Wolvelkraai P O Libertas	Africander
			Friesland
D		I	
Danhauser G & Son Coniston Rouxville	Africander	Industrial School Dewetsdorp	Friesland
Daniel Dr E C S Thaba'Nchu	Friesland		
Daniels S Koppenham D migrant	Red Poll	J	
Davel L D B Hollick Paul Roux	Friesland	Jacobus S W Box 19 Senekal	Shorthorn
Davie C R Boschbeck Swemburne	Ayrshire	Jacobus J Private Bag Benoni Sdg Bethelhem	Friesland
Desel A G Westburg Bloemfontein	(P) Red Poll	Jacobus S P F Retfontein Marquard	Friesland
Desel B G Cunniff Box 161 Bloemfontein	Shorthorn	Jarvis F T Karefontein Castor Siding I B Bloemfontein	Shorthorn
Desel J H Floradale Box 161 Bloemfontein	Shorthorn		
Desel S Hill Bridge Box 161 Bloemfontein	Red Poll	Jensen F Westmister	Friesland
Desel W J & Son Deseldene Box 161 Bloemfontein	Red Poll	Jooste G P & Sons Robyn Winburg	Friesland
Dreyer J A, Valchviers Kroonstad	Africander		
		K	
E		Kannemeyer H C Bloemfontein	Friesland
Edekten Gurdit Vaalkraai P O Sepa	Friesland	Kelly P L & J T Frankfort Westmister	Friesland
Edeudere B W E Box 17 Dealfwelle	Friesland	Kinnams H S P O Box 80 Kroonstad	Friesland
Ehrlich J B Retreat Bloemfontein	Friesland	Kirchner H D Box 82 Senekal	Friesland
Ekleen M C Natvlucht Winburg	Friesland	Kohler C Woods de Vrede	Friesland
Engelbrecht I Montigny v Bethul	Friesland	Kohler J N Woudticht Vrede	Friesland
Engelbrecht M C Ebenhaeyr Fouriesburg	Friesland	Kohler M J Glen Walton P O Frankfort	(1) Friesland
Erasmus A J Du Werf P O Vergezicht Hoopstad	Africander	Koller H S Kleinheuwel Box 754 Bloemfontein	Friesland
Erasmus S I & Son Constantia Rouxville	Africander	Koher R Anelpoot Edenburg	Friesland
		Koppes Co-op Dairy and Friesian Cattle Soc Box 49 Koppes	Friesland
F		Kotze J J Constantia P O Bultfontein	Africander
Faurie F van A Rustfontein P B Bloemfontein	(1) Friesland	Kotze W A Groothok Hoopstad	Friesland
Ferguson J Polley Hotel Bloemfontein	Friesland	Krug J J Herman Senekal	Friesland
Fieldrich A I O Box 300 Bloemfontein	Friesland	Krug V Brakspruit Senekal	Friesland
Fieldrich I C Senekal	Friesland	Kruyer I T I O Wonderkop	Friesland
Fick L B Drifontein P O Laatsburg	Friesland		
Fick J H II Sterkfontein Ficksburg	Africander	L	
Fischer J N Southern Life Buildg Bloemfontein	Friesland	Laas A M J Vaalbank Theunissen	Friesland
Fletcher J D Fadella Wepener	Shorthorn	Laebenberg J J R Middelpunt Glen	Friesland
Foster C C Lea Manor Dewetsdorp	Friesland	Lingen M J van Arde Krug	Friesland
Fouché Jan Junr Klipspruit Rouxville	Africander	Louis A B Loraine Hoopstad	Friesland
Fouché Junr J Babel Rouxville	Africander	Louw J A Glyenkop Hoopstad	Africander
Fouché S I Senr Constantia Rouxville	Africander	Louw J A Marcellis	Friesland
Fouché S J Junr Harmsvlei I B Zastron	Africander	Louw J H Retvlei Springfontein	Africander
Fouche C C St Leonards Box 10 I O Wardy Ham	Shorthorn		
		M	
Frazer H 26 Stern Street Blakenfontein	Friesland	Mara kil C L P O Box 4 Fouriesburg	Friesland
Frazer Scott Box 24 Hlanti Fontein	(1) Aberdeen Angus	Marak III K Sevenfontains Ficksburg	Friesland
Frauers Ltd Wepener	Friesland	Maree A C Saaijpoort Beethlem	Aberdeen Angus
		Martin Bros P O Box 49 Ladybrand	Friesland
G		Maltius van Broos Samen Hammonia Ficksburg	Brown Swiss
Garrith I M Woolford Daraburst	Red Poll	Maltius Col C F K von I O Hammonia Dist.	Friesland
Gaston Capt L G Belmont Marquard	Ayrshire		(1) Friesland
Geldenhuys H J Modderfontein Kroonstad	Shorthorn	Maltius J J von Faust Ficksburg	Friesland
Geldenhuys R Doornfontein Kroonstad	Africander	Manley Mrs C T Edenburg	Friesland
Geldenhuys M C Abrikooberg Marquard	Africander	Manley Mrs I M Box 2 Edenburg	Friesland
Gertenbech L C Schaapval Wegard	Friesland	Marais J Koppakraai Natl River	Friesland
Gibson O H Hermal Senekal	Africander	Maree & Sons Aben Saxony Winburg	Friesland
Gilling Rev J New Blair Farm Bag Blakenfontein	Africander	Matthews C J Stellenbosch Westmister	Shorthorn
Glabbe J H W Box 32 Lindeville Road	Friesland	MEERZ, C F van der J.F. Meent Phamant Bethelhem	Friesland
Gladwell C D Box 24 Bloemfontein	Friesland	Morre J C van der Spenskop Koendal	Friesland
Greeff Capt A, De Wit Farm, I O Roddersburgh	South Devon	Morre J C van der Spenskop Koendal	Friesland
Grippe Amditveldt Farm, P O Roddersburgh	South Devon	Morre J C van der Spenskop Koendal	Friesland
Gubben J J Wepener	Africander	Morre J C van der Spenskop Koendal	Friesland
Graham A C Labrecque P K Ventersburg	Africander	Morre J C van der Spenskop Koendal	Friesland
Grobler J J Wepener, Kroon	Friesland	Morre J C van der Spenskop Koendal	Friesland
Groenewald H Thaba'Nchu	Friesland	Morre J C van der Spenskop Koendal	Friesland
Gruenewald T. De Witte Westmister	Shorthorn	Morre J C van der Spenskop Koendal	Friesland
	(1) K. Shorthorn	Morre J C van der Spenskop Koendal	Friesland

Name and Address	Breed	Name and Address	Breed
Weasels S. Son Box 9 Dewetsdorp	(A) Afriander	Wilkins A T I field P O Cecilia Dist Ficksburg	(4) Friesland
Westminster The Duke of Box 10 Westminster	Shorthorn	Wilmot J G Oaklands Box 20 Springfontein	Shorthorn
Wet B de Pancloula Lindley	Friesland	Wilmot H E Hamilton Manor Box 20 Springfontein	Shorthorn
Wet J M de Rooftwaad Thaba Nchu	Friesland		
Whiteford Mrs M A Verreugden Winburg	Friesland	Y	
Whyte Lt-Col K I Preston Box 518 Bloemfontein	Friesland	Yule F F Yuleton P O Meadows	Red Poll
Wiase J T Welgevonden Bloemfontein	Friesland		

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Agriculture Government School of Glen Aaswegen W J van Bloemhof Box 12 Trompsburg	(ch) Merino	McDonald T P S Waterval Box 7 Rouxville	Merino
	Merino	Maltitz Col C F R van P O Hammona Dist Ficksburg (c)	Merino
	Wanganelia	Marius S W Box 16 Senekal	Merino
Baillie R W Sherwood Westminster	Merino	Meintjes G A Galaxy P O Memei	Merino
Bardie H D, Dnrhoek Zara Stud Swaburne Harri smith	Merino	REINTJES H A Delta P O Memei	Merino
	(c)	Merve J L van der Post Vredsdal P O Rosendal	Merino
Bruyn D de Bankpan Box 25 Steynersrust	Merino	Merve R F van der Beerscha Box 7 Smithfield	Merino
		Merve W K van der Sona Box 66 Aasvogelkrans Dist Bethlehem	Merino
Candler Fasby W Vaalbank P O Bethany	Merino	Mousley S H Rockdale P O Kestell	Suffolk
Chucken A Boschrand Senekal	(c) Suffolk	Murray Fred C Langkui P O Trompsburg	Merino
Collins Capt J J Belt P O Marsala Dist Frankfort (c)	Merino	Murray S N Abernath P O Springfontein	Merino
Cronje F Junr Roumdan Rouxville	Merino	Pieterse C F P O Box 31 Smithfield	Merino
Cronje W B Leeuwfontein Zastron	Merino	Plessis D J du Nuwejaar Spruit Wepers (c)	Merino
Drysdale & Watson Wolvhoek	Suffolk	Plessis L A Col Lebo du J P Box 3 Fauresmith (f)	Wanganelia
		Plessis M F du Box 8 Fauresmith	Merino
Faure F van A, Rustfontein PB Bloemfontein	(c) Wanganelia	Potgieter J H Zoon P O Danielsrust Dist Bethlehem (c)	Merino
Foute J C P O Wolvoerspruit van Bloemfontein	Merino	Prezz Chas du The Willows P O Cecilia (c)	Merino
Fraser J J, P O Box 250 Bloemfontein	Merino	Roderick J & Co P O Box 218 Bloemfontein (f)	Suffolk
Fraser Norman The Willows Box 250 Bloemfontein	Merino	Ioss M N P O Brighton Bethlehem	Merino
Glynn Baker A G Batcombe Tweeling	Wanganelia	Schalkwyk B H van Malutiziti P O Generalsnek Ficksburg	Merino
Crabam Dr G, Trompsburg	Merino	Schimper J F C Bresterlaft Winburg	Merino
Grobler Hon T R Orange P O Innos	Merino	Scholtz I I Klaverfontein Springfontein	Merino
Grobler J J Wenenkop Rouxville	(c) Merino	Sharratt I Margenlicht Harrismith	Merino
Grunow T Dnrfontein Bethulle	(c) Merino	South African Townships Foxhill Winburg	Merino
Harding A J Sheepdale Box 70 Vrede	Merino	Swanepoel I I Hoogtede Box 19 Smithfield	Merino
Hattinba S C Stolskraal Box 141 Rouxville	(cd) Merino	Tonder J van Gelaksfontein Bloemfontein (f)	Merino
Hofstad S I Hope Valley Ferreira	Merino	Uys J J Jansdel P O Swamburne Station	Merino
Holm R L Kalfs River	Merino	Wessels J Fairview P O Northfield Dist Bloemfontein	Merino
Kehler M J Glen Walton I O Frankfort	(f) Merino	Wessels J J Floradale Vrede (c)	Merino
Kruger F C Litschicht Bethlehem	Merino	Wessels Colonel M J J Langberg, Vrede	Merino
Loonbaard A Skerhoek Box 49 Smithfield	Merino	Wessels M J Jr Glentassels Harrismith	Merino
Louw J J De Bruijn Trompsburg	Merino	Walton J C Griefpoort Dist Rouxville	Merino
		Wilkins A T Ficksburg P O Cecilia Dist Ficksburg, (c)	Wanganelia

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agricultural School Box 86 Tweespruit	(c)	Horsfall F H Box 434 Bloemfontein	(c)
Box 11 W L. Ormoude Farm Box 21 Westminster		Newby J A Cathcart's Drift Ladybrand	(c)
Brauwel A G Rust Myniel Private Bag Jammur Drift Castor S ing		Oberholzer F Cornana 1 O Bethlehem	
Carruth H Herd (A A King) Westminster	Large Black Middle White	Oliff A Cloverfield Acrent via Standerton	(c)
Diesel A G Westburn Bloemfontein	c	Oppenheim H 5 Milner Road Bloemfontein	
Gord u J H Capridge Box 1 Westminster		Thatcher H Omega Choolan	
Giffiths J I O Marwils		Tweespruit Dames Ltd Box 2 Tweespruit	
Gropp S L S Don Don via Marwils		Vrede Barons Ltd Vrede	
		Westminster Estate Box 10 Westminster	
		Williams G, Newo 1 O Westminster	

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Agriculture Government School of Glen	() Non-breeds	Merve A van der Aalstree, Box 17 Middel	Hackney
Fourse J P Bethlehem	Hackney	Merve J S van der Wyngaert, Hartmannsh	Hackney
Fraser & Scott, 10 O R & 2nd E Street Union	Hackney	Mervin J J, Hazen & Co., Inc. Palmyra	Percheron
Grimmwall J J, Government school Palmyra	Hackney	Kernick Rev H J, P.O. Verde	Hackney
Guert, C F, 3rd Street Box 21 Middel	Hackney	Smith A G, The Clinic, P.O. Meadows	Clydesdale
Lombard W H, 18 Lombard & Margaret	Hackney	Vogel J J, Box 21 Kossuth	Hackney
Low J J, Brown Union River	() Percheron	Weinstein The Duke of Box 15 Weinstein	Clydesdale

Shorthorn
Island

100

Name and Address	Breed	Name and Address	Breed
L		R	
Lea K J Shernstone Thorns He Junct on Leonard W L Alexandria La from th	Friesland	Ranches Ltd Box 734 Durban	Shorthorn
Lea C C Claremont Deepdale	Friesland	Randles W G Watley Common H ghlan is H d ote Ra l	Shorthorn
Line R G Hopeville Dargle	South Devon	Ratby C F Solitude Rosetta	South Devon
Litter H Sw ft Terl nes Balgowan	Ayrshire	Richards Maj C K Summer H H Moot R er	South Devon
Little J S Glenlea 1 B Donnybrook	Shorthorn	Richmond I G C Arcad a Ladysm th	Friesland
Littljohn A H Nahromna Merni ale	Africander	Ross A C Ultopo Ketta	South Devon
Lum R K J Doreton 1 O Wnterton	Friesland	Rouland Dr J A Glen Arum Balgowan	Shorthorn
Lyst r P Box 7 Mount Durban	Shorthorn	Roulland L Brinkley Besters	Heredford
M		Rooyen I L van I nedale Sevenoaks	Brown Swiss
McAravey Mrs H H d ote	Shorthorn	Rundle I S Waverley 1 O Kamb la Vryheid	Shorthorn
McDonald Bros 3 Innes Rd Durban	Friesland	Russell A D Lanholm Moot R ver	Ayrshire
Ma kenz e C C Buccleugh 1 B Mantzburg	Friesland	Ryley H Oakley 1 O Botha s Pass v a Ingos	South Devon
MacKenzie E H J M Shalton Grange Howick	Friesland	S	
MacKenzie T W Cran ond Priv Bag Pietermaritzburg	Friesland	Sawyer R E S Iverdale Nott ngham	South Devon
Mann ng C S Mandersdon	Friesland	Scott L M The River l arm Bergv lie	Friesland
Mannell Thos Rosewarne Waschbank	(f) Devon	Shaw S W Lochben Frankfurt	Friesland
Mapstone J Brasfort lark Nel s Rust	Shorthorn	Shaw Maj W H Donnybrook	Friesland
Mapstone L F Brasfort lark Nel s Rust	Shorthorn	Simmons P D Bray H H Moot R ver	Shorthorn
Maple Bros Saroden Balgowan	Friesland	Slatter G M Waschbank	Kerry
Maria Ratshch 12 Wm on Stat on The Waschbank	(s) Friesland	Slatter W J Holm Lacy Greytown	South Devon
Martiz G Patience lawn Leas	Africander	Slatter W S Deane Greytown	South Devon
Martiz SS Bowthorpe P O Fawn Leas	Africander	Smith E R Otto s Bluff	Friesland
Martiz Mrs H V Box 2/3 Pietermaritzburg	Friesland	Smith H H Spencer Farm Balgowan	Ayrshire
Mars ck M A Nauwpoort, 1 O Richmond	Aberdeen Angus	Smith J A Sunnys de Cre ghton	South Devon
Mastory H H de M P rendale H meville	Shorthorn	Smith M A Lufala Road Hatt P B Donnybrook	Friesland
May G A Box 440 Durban	Africander	Smith S M Freestone R dce Moo R ver	Brown Sw ss
Meister A Fawn Leas	Friesland	Solomon O M Shooter s H H P B Otto s Bluff	Friesland
Mendenhall The Estate of E G Box 198 Pietermaritzburg	Friesland	Sparks D E Granton Mat wane	Friesland
Menl Hospital Ltd The Phys cs an Superintendent Pietermaritzburg	Friesland	SPARKS D E W. Moorside Stud Farm, Besters	(s/f) Friesland
Meyer Rud H Edenburg Upper Nwotvi Sevenoaks	(p) Brown Swiss	Sparks S Swales Home l arm P B Ladysm th	Shorthorn
Meyu J A Bergv ew P O Garden Castle	Friesland	Spuro Bros Grovedale Box 147 Vryheid	Friesland
Moe Bros New Hanover	Friesland	Stalker M st J Dairy New Scotland l eternantitz rg	Jersey
Moor J Price Beacon Banks Lowlands	Ayrshire	Stead W L New Leeds Thornville Junction	Friesland
Moorop G C Clifdale P B Holbanc	Shorthorn	Sturton C H Glenariff Private Bag Donnybrook	Friesland
N		Stock l F A Glenisde Glen s a	Ayrshire
Natal Estate Ltd 1 O Box 140 Durban	South Devon	Stone W J B Cora Linn Underberg	(h) Friesland
Nel s Rust Estate Nel s Rust	Shorthorn	Strachan D D Butweni Umzimkulu	L R Shorthorn
Netter A J Kambula Grange P O Kambula Vryheid	Shorthorn	Sutherland F J F 41 Prince Alfred St Pietermaritzburg	Friesland
Newma h W J Hesselwood Greytown	South Devon	Sutherland Mrs A Dunro b Chase Valley Road l	Jersey
N holls & Co Be Stamford H H Road Durban	Jersey	Sutherland J H Dunro b Chase Valley Road Pietermaritzburg	Jersey
Nelson J H H ghlands Underberg	Friesland	Swanland R & D Co Ltd Box 46 l eternantitzburg	Shorthorn
Nicholson P W Alton Arnolds H H	South Devon	T	
Noble Rev S H R M A Reasby Moo R ver	Aberdeen Angus	Taylor E Clovelly P B Donnybrook	Shorthorn
Norton Gray H Greenwich Ret Vlei	South Devon	Taylor R A Quarne Greytown	Shorthorn
Norton H Vaughan Croydon Ret Vlei	Shorthorn	Temple F Fyrie Estcourt	Aberdeen Angus
Nourse G W Box 17 Dannhauser	Friesland	Timm, L A Overton Mounta n Rise Pietermaritzburg	Friesland
O		U	
Oldacre W A Faarf elds P O Mat wane	Shorthorn	Upton C B Box 170 Pietermaritzburg	Friesland
Orton W F Mount Pleasant Moo R ver	Shorthorn	V	
Otto J A C Balmoral Ret Vlei	Friesland	Vaughan Norton H Croydon Ret Vlei	Shorthorn
P		Veenstra G J Shirely Moo R ver	Friesland
Pal er Mrs R A Heron Vale Impendible	L R Shorthorn	Vermaak C M Vermaakskraal Helpmakaar	Friesland
Paton Theo Sandes South Lion s R ver	Ayrshire	W	
Pawn W I Lowlands Richmond	Friesland	Wall & Co Oakleigh P B Pietermaritzburg	Shorthorn
Pease P O H Berg Street Pietermaritzburg	Friesland	Watts S Overton Moo R ver	Shorthorn
Peattie R R Private Bag Pietermaritzburg	Friesland	Wood W lham Wood eld Nott ngham Road	South Devon
Peckham J 28 Loop Street Pietermaritzburg	Friesland	Woolatt S B Commington Rosetta	Shorthorn
Pennfather H R Box 19 Bergv lie	Friesland	Wright G lbert B J Inverton e P O Pepworth Stn	Ayrshire
Phips J G Farview Moo R er	Shorthorn	Wright T Geordale	Friesland
Plo s outh Henry Wyford	Ayrshire	Y	
Potter A L Gladstone Nose Hamberg	South Devon	Young J R Winterton	Ayrshire
Powel Capt J C Buckstone Howick	(p) Friesland		

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Blaker G L South Downs, Lowlands	(c) Merino	Nel, O L Middleton Greytown	Merino
Friend A Ngales Blood R ver Station	Merino	Ratsey C F, Solitude Rosetta	(c) Merino
Horland Ma or W Hepburn Underberg Station	Southfolk	Richards, Major G R Summer H Moot R er	(c) Merino
Naud W Blood R ver	Merino	Roulland L Brinkley Besters	(c) Kerry H H
		SPARKS, D E W. Moorside Stud Farm, Besters	(s/f) Woollel Perwans

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agendorff G C. The Orchard Winterton Anderson M Emerald Dale P I Greenwa c Anning R Hallwell Howck		Hellet T Trafford Riversdale Private Bag Estcourt	
Baker John Spring Vale v P etermaritzburg (c)	Tam or th	Ireland A Tweed e Hall P O Tweed e Stat on (c)	
Barker Mrs W Durleigh Moo River		Laurens C J Laurensford Loten Private Bag Inz nga	
Bateman C G Enclon Private Bag Donnybrook		Nottingham Road	
Bowden W P Tregenna P B Estcourt		Lawson Capt F A Coombe Barton R chmon l	Herekshire
Baynes J Ltd Ne s Rust Bacon Factory Nel s Rust		McDonald W Nel s Rust	
Brown Mrs M I H ghrove Engaben		Manuel T Rosewarne Waschbank (c)	Middle Wh e
Chimney M Wyebank		Mare Bros Saronen Balgowan (ch)	
Clowes Capt D St J Stocklands How k		Mason H C Mason s Mill Priv Bag P etermaritzburg	
Cockburn A G Solitude R chmond		Mental Hospital The Physician Superintendent P eter	
Cresswell D R Ernevale Lady nuth		mantburg	
Dav s M Ingram M sty Home Nottingham Road		Moore Miss Gladys C Riverbank Weston Moo R r	Large Black
Dewar J B Gowan Brae Farm Hattingspru t		Mullis Mrs The V neyard Wernan	
Dillon P Waterfall P O Van Reenen	(f)	Natal Trading & Milling Co Ltd 20 Church Street	Large Black
Dorrey Mrs E A H lls de Farm Van Reenen		P etermaritzburg	
Draydale Wm Fa rholme Moo R ver	(d)	Powell Capt J C Buckstone How ck	
Elliot W Elmwood Estcourt	(c)	Robinson T M Melford Isopo	
Ellis Mrs R ta Box 319 P etermaritzburg	(c)	SPARKS D K W., Moorndie Stud Farm Besters (c) (d)	Large Black
Farmers Co-op Bacon Factory Estcourt		Taylor H V Han mandale Private Bag Cato R dge	
Ferguson Capt F L St Helena Farm Private Bag Port	Large Black	Thomson May R Draycott Ennersdale	
Siepkotte	(c)	TURNER, T E Oldland Lowlands Rail	Middle White
Fynney F B W Lmgod P O H ghafats	(c)	Walker & To ul n Westville	
Gordon J H Overstone Noodsberg		Westbrook L J Avondale Estate Paddock	
Greaves & Hard nham Bronkhorstvllei Besters		Young W H W Torwood Rosetta	

Horse Breeders

Name and Address	Breed	Name and Address	Breed
Mare Bros Saronen Balgowan (c)	Clydesdale	Olff Estate of late Hon A Busham B rickyards P eter	Clydesdale
		mantburg	
		Stone W J B Cora Linn Underber	(f) Frieschton

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RHODESIA Cattle Breeders

Name and Address	Breed	Name and Address	Breed
Ackerman A H East Clare Ranch Que Que Agriculture Dept of Salisbury	(p) Friesland Shorthorn	Matten I B Battery Spruit Umali Meikle T Leachdale Shanganani	Friesland Friesland
Appleyard F T I O Glendale S Rhodes a Artington Estate Box 33 Salisbury	Friesland South Devon	Mennell I J Long town Box 400 Bulawayo	South Devon
Babb Mrs G H P O Box 591 Bulawayo	Friesland	Mitchell George Box 67 Bulawayo	Hereford
Bawden H S Albany Shanganani	Shorthorn	Nicol J Brentham Farm Nymanthlovu	Hereford
Baxter J A Box 599 Salisbury	Shorthorn	Nwagile I C Salisbury	Shorthorn
Barley J A Bonnwater Heavy Junction on Beamsburg Road Bulawayo	Friesland	New march T H Ctena Farm P O Box 287 Salisbury	South Devon
Beck Mrs L C Gando Farm Gwelo	Shorthorn	Ondelanda S J Tweeslee Harris n th	Africander
Beer T de Essex Farm Gwelo	Hereford	O Kettle S M Langman Clonmore Lochard	South Devon
Bingham Hon. A & Hon. L E Mpanendi Nymanthlovu	L R Shorthorn	Parker J H Vail ma Dary Box 304 Bulawayo	Friesland
Black Duncan Selby Salisbury	Friesland	Partidge A J W Salisbury	Friesland
Blumberg D A P O Box 409 Bulawayo	Devon	Peach J E Fig Tree	Devon
Blundell Major C L Loxley Coon be Ranch Loxley Mine Nr Bulawayo	Hereford	Phillips H H Box 68 Bulawayo	Hereford
Boyd-Clark C Castle Zonga Rusape	L R Shorthorn	Plumtree School Farm Plumtree	(p) Friesland
Bretnier J Box 660 Bulawayo	Red Poll	Potts W M Banket Junction	Friesland
Brett Mrs L F Beconkop Ranch P O Gwelo S Rhodesia B.S.A. Company's Rhodesdale Ranch Umvuma	Friesland Shorthorn	Rennet I J Box 0 Salisbury	Friesland
Buckley Bros Chulturna Dary Lalapani	Friesland	Rhodes Inyangas Estates Rustape	Shorthorn
Buckley F H Hlon Lalapani	Shorthorn	Rhodesia Ltd Box 84 Bulawayo	Devon
Castry C W Glyn Tor Farm Victoria	Friesland	Rhodesan M 45 on Old Umali	Friesland
Clark C Boyd Rustape	Hereford	Rhodesian M 45 on Old Umali	Africander
Clarke F J Box 1 Livingstone	Hereford	Riversdale Estates Syndicate Ltd The Box 91 Salisbury	Friesland
Cooper & Nepehus Ltd Wm Shanganani Ranch Shanganani	Hereford	R.L.C.R. Co's Shanganani Ranch P O Shanganani (M C) Dedn an Mgr	Hereford
Cowen Mrs G M Lomond 1 B Salisbury	Friesland	Roberts G A American Mission Old Umali	(i) Friesland
Dewar's Ranching Co 111 Shanganani	Devon	Roberts & Letts C Box 10 Bulawayo	(p) Friesland
Draper A A Idara Farm Brumley 1 B Salisbury	Friesland	Robinson Leo Private Bag Bulawayo	Aberdeen Angus
Engelsh C R Khan Bulawayo	Friesland	Scallan I J P O Box 207 Salisbury	Friesland
Experimental Farm Gwelo P B Salisbury	Friesland	Scott F N D n Concess on	Shorthorn
Exploring Land & Minerals Co Box 4 Bulawayo	Sussex	Stethan H Fairview Penhalonga	Friesland
Ferguson J P O Box 5 Gwelo	Hereford	Stewart J New Ed pae P O Shanganani	Aberdeen Angus
Fletcher R A Box 71 Bulawayo	Shorthorn	Strachan J Yarrowdale Mayoe	Friesland
Fox Capt R G Umali R ver Farm Old Umali	Friesland	Strickland A S Penhalonga Umali	Friesland
Frere & Willoughby Readbook Box Arcurus	Friesland	Struthers J S Palm Tree P O S no a	Friesland
Glanfield L Bulwerrite Farm Salisbury	Sussex	Struthers J A Naverrite Estate Box 5 Fort Victoria	Devon
Golf fields Rhodesian Development Co I O Box 4 Bulawayo	Friesland	Sunnern W T Naha Farm 1 B Gwelo	Friesland
Goodridge F L P O Box 200 Bulawayo	Shorthorn	Suss an Bros Livingstone	Friesland
Gove J A Box 703 Bulawayo	Friesland	Thompson Mrs M J Broken Hill	Africander
Graham M B Grafton Estate Umvuma	Friesland	Thompson H Mmola Park P B Bulawayo	Friesland
Granger R B Monaro F gtree	Devon	Thornycreek Ranching Co The Lone Cow Estate Banket	South Devon
Gwynn Rhodesian Estates Ltd Ednateu Nymanthlovu	Friesland	Townsend Mrs J R Box 20 Salisbury	Hereford
Haddon 1 Que Que	Friesland	Transvaal & Rhodes an Estates Ltd Box 405 Salisbury	Hereford
Hanling H H The Warren S no a	Hereford	Trithowan J J Gwelo	South Devon
Hards C G Somerby Private Bag Salisbury	Friesland	Val nte n Col A Battery Spru 1 Old Umali	Friesland
Harrison Lt Col L C Melford Salisbury	Devon	Warcher Col Sir Harry Artington Estate P O Box 33 Salisbury	South Devon
Henderson H S Farne V ne Bulawayo	Aberdeen Angus	Waller W R Bluff 11 Box 346 Salisbury	Friesland
HEYDEMAN MAJ. THORNBURY Hartley	(p) Friesland	Webb P T Sheep Hut Iron Mine H H	Friesland
Hol es I C B Dary	Devon	Webb L Stand sh Farm Enkeldoorn	Friesland
Hornby J H Cwaby Rustape	Aberdeen Angus	Wh te A F I O Box 100 Gwelo	Friesland
Houshoun & Robertson Devona Estate I O S no a	Devon	Wese D J B Cecilton Ch p nga	Red 101
Hudson W K P O Gwelo	Friesland	W Hams H H Huntsman Farm P B Bulawayo	Africander
Hugg ns Dr C M Box 61 Salisbury	Friesland	W Hams J H Newlands Estate Victoria	Shorthorn
Ingle B J I O Gwelo	Friesland	W Hams K R F gtree	Friesland
Jablson N J Box 9 Que Que	Friesland	W Houghby's Consolidated Co Ltd Box 270 Bulawayo	Hereford
John C S Box 249 Bulawayo	Hereford	W n Kapt E T Rustington Sham a	Friesland
Knight & Fickett Box 131 Salisbury	Friesland	Wae P A M n oca Banket	Hereford
Lu Bow C M Dundry Farm Enkeldoorn	L R Shorthorn	Wood W F Tenerrite Salisbury	(i) Friesland
Lyons G A Box 117 Bulawayo	Friesland	Worthington Mrs S Clifton Downs Gwelo	Shorthorn
Macarthur C C Komani Farm Box 284 Salisbury	Shorthorn	Zender F Martha Farm Ins tra	Friesland
MacKallers Ten pleten Box 555 Salisbury	Hereford		
MacK J Golden Va ry Gaton	Hereford		
MacKenzie Hector Bilton P B Salisbury	Friesland		

Sheep Breeders

Name and Address	Breed	Name and Address	Breed
Blumberg D A P O Box 409 Bulawayo	(p) Bk H d Persian	Wood W F Tenerrite Salisbury	(i) Bk H d Persian
R.L.C.R. Co's Shanganani Ranch P O Shanganani (M C) Dedman Mer	(c)		

Pig Breeders

Name and Address	Breed	Name and Address	Breed
Agriculture Dept of Salisbury	(c)	Maxwell P Box 510 Salisbury	
Bean D W Box 23 Shan va		Mood Henry Salisbury	
Blumberg D A I O Box 409 Bulawayo	(c) Large Bk	Plumtree School Farm Plumtree	(c) W Saddleback
Cadman Mrs A Box 9 Bulawayo		Rhodesian Farmers Co-Op Industries Ltd Box 83 Gwelo	Berksh re
Clark & Bla aburn Box 18 Latoona			L & M White
Colborne B A S I O Banket			Large Black
Imberby Estates Ltd Box 23 Bulawayo			Berksh re
Jordan N J A The Rivers, Looconess		Roberts & Letts C Box 192 Bulawayo	(i)
Kee M M Bulwerrite Maras		Rudolf F Aberthole Selukwe	
La n n I L Tweed Dale Farm F gtree Station		Stratton & Cauterley Kaffernoa Banket Lomond	
Lendy Estates Limited Box 6 Salisbury		Sturkand C L Loxley Dm lan Shanya	-- Berk
Lloyd L Gwelo Springs Rustape		Tappan W S Appenhead P O R n n n	
Matroos School Rhodesia's		Traveler Estates Shanganani	
		Wesite R Kuthmore P O Mazab ka	

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registram todos os mais conhecidos Criadores de Gado de Raça para Fins Agrícolas em todas as partes civilizadas do Mundo e assim se acham de posse de factos precisos e respeito de Nomes e Moradas de Criadores de gado e dos animais que criam A quesequer pedir los de informações que nos sejam feitas pelos Criadores a respeito das possibilidades para as vendas preços mercados transporte adaptabilidade de animais aos varios climas fontes de fornecimento etc , respondemos pela volta do correio gratuitamente

EUROPE.

Livestock Breeding in Albania.

While not so long ago cattle robbery and brigandage were among the chief occupations of the Albanian peasants, the most turbulent people in Europe, after the war, under better Government the country seems to have settled down to peaceful pursuits. As live stock breeders the Albanians should easily achieve notable results as they have a keen eye for this occupation. The country is in parts very fertile and wheat, maize, tobacco and olives can be reared to great advantage. In spite of their bad reputation, the Albanians are a very hospitable and kind hearted people, speaking a language of their own and ready to be persuaded in matters concerning their own welfare. In the Hinterland sheep and cattle breeding is their main occupation. The population is small scarcely more than 1,700,000, comprising besides

Albanians, Serbs, Turks and Greeks. The land is very hilly, almost entirely composed of ridges of mountains which stretch from north west to south east. The only river of importance is the Drin. In the valleys and round the lakes of Okhrida, Scutari and Janina very good cattle can be seen, and among the larger land owners propaganda for the advantages accruing from raising high-yielding animals should easily result in an increased interest for Pedigree stud sires and dams. No live stock census was ever taken.

On September 1st, 1928, the Albanian people changed their constitution and declared their country a Monarchy, the first King Ahmed Ben Zogu, being unanimously elected. The Albanians proclaimed their independence of Turkey at Avlona in 1912. In January, 1925 a Republic was proclaimed at Tirana.

Livestock Breeding in Austria.

The Live Stock estimate for Austria states cattle 2,164,000, sheep 600,000, pigs 1,475,000, horses 281,000

Shorn in every direction of her former potentiality and resources one might truthfully describe Austria of to-day as consisting of the immortal City of Vienna and a small agricultural country. While Vienna will always remain a city of high finance, of gaiety and pleasure, fine handicrafts, arts, and above all of music, agricultural Austria will probably develop on live stock breeding lines. In the present boundary Austria one of the finest cattle breeds in Europe—the Pinzgau cattle—is bred and as breeders of light horses the Austrians have always excelled, gifted with the horse-breeders' fine instinct. Austria where the large monasteries with great agricultural domains, and enormous estates belonging to the aristocracy were so conspicuous in pre-war days, is to-day developing towards becoming a small holders' country, or a country for the small farmer; and probably with only one exception—Denmark—the agricultural co-operative system is more developed here than elsewhere in Europe. As a cattle breeder the Austrian farmer is prominent. The number of agricultural schools is remarkable, and the opportunities for agricultural education in every part of the country no less. Owing to its magnificent forests, forestry has developed here on a scientific basis, but in the opinion of those who know the country well, it is the Pedigree live stock trade that will probably

for a long time to come remain the backbone of agriculture. The eminent Pinzgau cattle, curiously enough, are not very well known outside the country, but they would find a good export demand in many countries where local conditions are similar to Austria's. They easily acclimatise under new conditions.

The Ministry of Agriculture at Vienna has a Department for live stock breeding. The various live stock breed associations work, of course, on lines and in accordance with rules adopted by their local organisations, but hand in hand with the Live Stock Department at Vienna. The most important of these live stock breeders' associations are

FOR HORSES

Ober Österreichische Pferdezucht, at Enns.
Verband Pinzger Pferde Genossenschaften at Salzburg
Gesellschaft für Landes Pferde-Zucht at Graz
Verband Ost Tiroler Pferde Zucht Genossenschaften at Lienz
Verband Nord Tiroler " " at Voergl

FOR CATTLE

Verband Simmentaler Rind-Vieh Züchter, at Ried
" Montafoner " " " Schaeferberg
" Pinzger " " " Ried.
" " " " Zell-am-See
" Murbödner Murgtaler Rind Vieh Züchter St. Michael

FOR CATTLE—contd.

Verband Mar ahofer Vieh Zuehter Genossenschaft at Neumarkt	
Pinzgauer	"
Bergschecken	Oberwolz
Braun V eh	Graz
Fleck V eh	Furstenfeld
Pinzgau Molitaler	Sachsenburg
Karn en Blond	Althofen
Murbodner	Re chenfels
S mmentaler	Völker
	markt
Unter Jnntaler Fleck	Rotholz
	Jenbach
Nord T roler P nzgauer	St Johann
Ost Tiroler	L enz
Ober Jnnaler	Zarns
Grau Braune Gerb rgs	Innsbruck
Lech Taler	Reutte
Grau Braune Vorarlberg	Bregenz
Burgenland sch Fleck V eh	Oberwart

FOR PIGS

Schwe ne Zucht Genossenschaft at Lurnfeld Sachsenburg
Odt a-d Wld

FOR SHEEP

Schaf Zucht Genossenschaft at Lurfeld Ober Karnten

As regards pig breeding probably 65% of all pure bred pigs belong to the German Edelschwein type and the German improved Landrace pig. Pig breeders devote much attention to steadily improving their herds and one point is noticeable even remarkable in the annals of pig breeding in Austria—the high

degree of fecundity. Small litters are almost unknown and the average litter is ten to twelve.

The Government maintains two Studs at Wieselburg in Lower Austria where English Half bloods are bred while the Lippizaner horse is chiefly bred at the Piber Stud in Steiermark. A certain number of the Nori horse is also bred here. In upper Austria at Stadl a well organised stallion depot is doing much good towards the promotion of horse breeding. Before the war Austria had a very prominent and profitable Light Horse breeding industry and the exports of the Wieselburg Hackney horses were considerable. After the war however the Department of Agriculture is especially encouraging the breeding of the Nori and Pinzgau horses. Horse breeding is under the supervision of a Stud chief while in the Provinces a number of local Stud masters work untiringly in connection with agricultural Associations and individual horse breeders. These are stationed at Lambach for the Provinces of Salzburg and Tyrol at Innsbruck for Vorarlberg at Klagenfurt for the Province of Karnten and at Graz for Steiermark. Agricultural Austria is divided in Bezirke and in each a Horse Breeders Committee is working hand in hand with the local Chamber of Agriculture.

As already stated Austria excels in the breeding of Pinzgau cattle and in the following notes on this remarkable breed written by a well known Pinzgau expert much of interest will be found.

Pinzgau Cattle in Austria

By Breed Director FRANZ FLOCK Sta nach Ste ermark

Among the various cattle breeds in Austria the Pinzgauers are the most important. They are bred over an area embracing 40 per cent of the country including the Provinces of Salzburg and Karnten and almost half of Tyrol besides the greater portion of Upper Austria and Steiermark. The area extends over the frontiers into Bavaria Italy and Jugo Slavia. There are now about 450 000 head of Pinzgauer cattle in Austria and 160 000 in the districts across the border while according to recent census in Roumania and Czecho Slovakia the Pinzgauers there may be estimated at about 150 000.

For long the Pinzgauer cattle were without distinctive classification among breeds of cattle. Recently Dr Schenck Breed Supervisor in Karnten proved that the breed undoubtedly is of indigenous origin.

These Pinzgauers are marked in a most peculiar manner—brown with white stripes joining up on the withers and extending along the back. The legs are brown with white rings 4 rocm wide. The rest of the body is always brown from light red to dark chestnut brown which is the more popular colour. Mouth and nostrils are flesh coloured. The white colour seems to be increasing and therefore when selecting animals for breeding if other points are equal those of a dark

brown colour with very little white marking are preferred the reason being that animals with a lighter coat are not so robust. The Pinzgauers have a good muscular build and strong bones. Mostly bred at high altitudes the skin has become fairly thick and elastic the hair short and thick and as a thick skin is caused by climatic conditions it is not a sign of bad milking propensity. The head is of medium length with broad forehead short nose fine horns broad forequarters always deep the height at the withers about 130 cms. The ribs are well sprung backbone straight the back broad and good muscles. Hind legs are well set strong with large bones and firm and hard hoofs. Faults in the Pinzgauer cattle have practically disappeared through careful breeding. They are excellent beef producers splendid milkers and unsurpassed for work. It is a mountainous cattle breed grazing during the summer and autumn on pastures often situated at an altitude of 2 000 to 2 600 metres. During the winter they are always stabled.

Seventy years ago the first attempts were made to improve the breed. It was from the outset a question of creating a better shaped body build then leaving much room for improvement. Through painstaking exertions great skill and good management success

has been achieved and at the principal breeding centres the Pinzgauers certainly are now bred pure and thus entitled to be classified as a Pedigree breed. Of course the breeders aims vary in the different districts thus in Salzburg Tyrol and Upper Austria the Pinzgauers are bred for their usefulness as milkers, beef cattle and draught oxen. In Bavaria great importance is attached to milk production and fattening propensities as the climate and abundance of pastures are especially suitable for breeding animals of such qualities. In East Tyrol on the other hand the breeder's chief aim is an animal for work and in the Province of Steiermark the milk yield is the chief consideration. In this district large milk concerns abound and the breeders here have shown what the Pinzgauers can yield if bred and fed for this special purpose. Investigations of inherited propensities carried on with the object of improving the breed have demonstrated that there are several bulls whose progeny was remarkable for its milk yield and notable among these were Leo 5, Hercules 1 and Edward to all animals of outstanding merit. Owners of prominent herds have endeavoured to procure the progeny of Edward to General improvement in the quality and quantity of the food is now apparent as milk tests controlled by the Pinzgauer Breeders Society in Steiermark show average yearly increases in the best herds of up to 500 kilos. Many a breeder can now show yields of 3 000 4 000 kilos. Although in the different breeding districts of these cattle different propensities are aimed at all breed societies desire animals of threefold usefulness. Breeding is now well organised everywhere. The first Pinzgauer Breeders Society was founded in Bavaria in 1878 and the next in Steiermark and Salzburg in 1898. There are now 93 breeders societies in Bavaria while the number in Austria is 132. All these Associations amalgamated in 1924 and formed the Austrian and Bavarian Association of Breeders of

Pinzgauer Cattle which now includes 7 Provincial breeders Associations and 220 private breeders societies with 6 000 members. Each of the Provincial breeders associations runs its own Herd Book and members must submit to tests of performances of milk yield and fat percentage. The Organisation works exclusively in the interests of the Pinzgauer breed and issues a journal The Pinzgauer Breeder.

For the time being the following herds as members of the Organisation are under permanent milk control

In Bavar a	173 Herds with	2 600 Cows
Salzburg	1 184	10 000 "
Kärnten	890	5 600 "
East Tyrol	142	400 "
North Tyrol	26	200 "
Upper Austr a	64	700 "
Steiermark	181	2 600 "

Here are some of the results of these milk tests

	Average Milk Product on	3 75 Fat %	Largest Yield
Bavar a	2 486 k los	3 75	5 216 kilos
Upper Austria	2 400	3 91	4 781
Salzburg	2 283	3 87	5 101
Kärnten	2 302	3 70	6 490
East Tyrol	2 232		
North Tyrol	2 268		
Steiermark	2 683	3 78	7 355

From these tests the conclusion should not be drawn that the Pinzgauer cow is a small milker as this is not the case. The results are averages obtained from herds in the valleys and from herds spending most of the year high up in the Alps where they are exposed to hard climatic conditions. As a general rule the production of a cow on pastures in the mountains is about 700 kilos less than when grazed in the valleys. Should the summer be cold with snowstorms this difference is sometimes increased to as much as 1 500 kilos.

The Pinzgauer breed are strong healthy animals whose excellent qualities are capable of development in good climates. In the future this breed cannot escape popularity in many a country in Europe.

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THE PINZGAU CATTLE

AUSTRIA'S FOREMOST "DUAL-PURPOSE" BREED, ARE TO-DAY BRED OVER AN AREA OF ABOUT 40% OF THE COUNTRY, OFTEN GRAZING AT 2 000 METRES ALTITUDE.

MILK YIELD
AVERAGES 2,500-
2,750 Kilo.
FAT PERCENTAGE—
3.5 to 3.8%

EXCELLENT MILKERS
EASILY FATTENING

BREED DISTRICT :
TYROL, SALZBURG
KÄRNTEN
STEIERMARK
UPPER AUSTRIA

UNSURPASSED AS DRAUGHT ANIMALS

THE PINZGAU CATTLE ARE ONE OF THE WORLD'S BEST MOUNTAIN BREEDS SUITABLE IN EVERY COUNTRY WITH HILLY OR MOUNTAINOUS LANDSCAPE.

For Particulars Prices Photographs please apply to :

Breed Director, Dr FRANZ FLOCK Sta nach Steiermark Austria.

PROMINENT BREEDERS (contd)

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THE INTERNATIONAL DIRECTORY OF PEDIGREE STOCKBREEDERS."

(Führer durch die Hochzuchten der Welt ')

23, Fleet Street, London, EC 4, England.

Wir sind über die Herden der Welt unterrichtet und gern bereit, Fragen nach Verkaufsmöglichkeiten, Preisen, Märkten, Transporten und Fügung der Tiere für jedes Klima sofort und kostenfrei zu beantworten. Der Internationale Hochzeitzufuhrer bringt in seinem namentlichen Verzeichnis alle bedeutenden Züchter der Welt und die von ihnen gezüchteten Tierarten.

Livestock Breeding in The Balearic Islands

The islands of Mallorca Menorca Cabrera Iviza and Formentera with the capital Palma on the island of Majorca is a group of islands in the Mediterranean constituting a province of Spain with an area of about 1 940 square miles and a population of about 325 000. The soil is very fertile and live stock breeding is here of ancient date as once upon a time in mediæval days Balearic Cattle was a commercial term indicating beautifully developed milking cows which were in those days looked upon as decorative animals much cherished by the Grandes of Spain. A splendid little horse is also bred in the islands hardy and full of endurance. Quite a good type of pig probably indigenous has long been bred here and must have been considered valuable for stud purposes as a number of these pigs can still be traced

on the north coast of Africa. There is no live stock census in existence but in any case the industry is not important. It is possible however that with propaganda a market might be found for good bulls rams and boars. Poultry breeding has lately obtained a stimulus from Spain from which country a number of good class birds have been imported.

Local stock breeders are co operating through their agricultural associations which as a rule handle purchases of seeds fertilisers machinery etc while selling their products stock etc. Stud animals are mostly acquired through these the names and addresses of which are—

Federación Católica-Agraria	Palma de Mallorca Baleares
	Mahon
	Menorca
	Iviza,

Livestock Breeding in Belgium

The Live Stock in Belgium comprises 1 631 000 head of cattle 1 342 000 pigs 191 000 sheep and 254 000 horses. The four chief cattle breeds in Belgium are easily distinguished through their colour i.e.

Red Flemish the Blue the Red and the Black and White cattle. The blue coloured cattle—Race Bleu—is probably the best meat producer among the various breeds and are early maturing obtaining large size heavy build and fatten easily on pasture as well as in the stable. Butchers prefer the fattened beast of this breed owing to its nicely flavoured meat of well mixed fat. Full grown and fattened the bullock weighs 1 200 kilos and the cow from 600 to 900 kilos. The milk yield reaches from 1 250 to 1 400 gallons with an average fat percentage of 3.5. The piebald cattle red as well as black are more or less of the Friesian type good milkers with a fairly satisfactory fat percentage but otherwise not very remarkable. The Campinoise cattle are rather small sized slow at fattening but remarkably good milkers on bad or scanty pastures. This is probably a breed of cattle that should do very well in more than one pastoral country where it would be a mistake to cross the indigenous cattle with large sized heavy bulls—as so often is being done through ignorance—but where the native breed could be greatly improved by crossing with bulls of a milk yielding type. Among such countries Afghanistan Abyssinia and Nigeria might be mentioned.

As a sheep breeder the Belgian farmer has never developed any particular propensities and the Belgian sheep chiefly in the Provinces of Namur Brabant South Flanders and Hainault are chiefly kept for

mutton. Very little attention is paid to this branch of the live stock industry and where sheep are kept they are very often fed entirely on grazing along the roadside.

As for pigs while the so called Flemish pig is certainly not a bad type the tendency to day is towards the Large and Middle White Yorkshire pig. Pig breeding is however not exactly to the taste of the Belgian farmers and little if any attention is paid to the necessity of breeding from acknowledged sires crossing and re crossing often taking place without Government interference. When crossed with the Large White Yorkshire boar these Flemish pigs have proved quite suitable for easy fattening and good hams. It is chiefly the small farmer who goes in for pig breeding. In several districts cattle and pigs alternate in the attention of the breeders and feeders so that when the cattle are on grass the pigs are taken in to be fattened and *vice versa*.

The Belgian draught horse is undoubtedly one of the best of his type and Belgium has developed a remarkable trade in the export of these horses as wherever they are utilised they are slowly pushing other horse breeds aside as is the case in the United States in Sweden and various other countries. During the war years the Belgian draught horse proved his superlative value. To day the prices asked for and obtained by prominent breeders in Belgium would before the war have been looked upon as fabulous but the capacity of always breeding true to type is one of the main features of this horse breed and now more than ever before recognised as one of the greatest commercial value.

PROMINENT BREEDERS (contd)

RACE BRED (contd)

Grady de Chevalier
Grégoire Henry
Guyot H
Habaz & Soeur F
Hagne, Léon
Hallard Benoit
Halleux Nde
Halm J B
Hautaux Descotte Jules
Hanoteau Em
Hardy Joseph
Hasard Dés ré
Hauter Léon
Havaux Edmond
Henry Jules
Henry F & Soeurs
Houtain Eudore
Huart S méon
Hup n Jules
Jarmart Noel
Kerberghe Van Albert
Keersnacker De Mde
Lathem Vandenhuevel Van
Langheendens Charles
Laurent Amédée
Laurent Louis
Lavaux Benoit
Lebrun Amédée
Lecomte Arthur
Lefebure Ant
Lekane Pascal
Lencur Jules
Leroy Albert
Leurquin, Alfred
Liénard Lou s
Lisum Thunlay —
Lodge Cam
Louviaux Mde
Luyck Léon
Mahieu Albert
Malingret Mde
Marq, Léopold
Marnette de Destenne
Marnette de Jos
Marot Gabriel
Marot Lou s
Mary Dés ré
Matzler Paul
Meurant Alfred
Micka, Mde
Michel Arnouli
Mimet Joseph
Moers Guillaume
Monnoyer Armand
Mormont Frères & Soeurs
Mouchart Frères & Soeur
Moulin Léon
Moyart Prosper
N cal s Odou
Paridaens Gust
Pierart Hector
Ponsaerts Jules
Pottier Delcure Mde
Querton Em
Quevvin Sonet Ed
Quintard Frères & Soeurs
Rachart J
Robert Constant
Roger Herbots Lambert
Ro sun Jules
Rois n Modeste
Roland Fernand
Roland G
Roo De Frères
Ross gnol Mde
Rosteau Lm le
Servais, Oscar
Seutin Joseph
Seutin Léon
St. Moulou De Ernest
Staquet Frères
Stevens Edouard
Sulvenart Eug
Stouffs Joseph
Stradiot Frères
Taburiaux François
Teymans Henri
Teller Alph
Thibot Joseph
Thomblaine Louis
Thumant Oscar
Tondin Edmond
Tonglet, Jules
Toussu Em
Toussu & Soeurs
Vander Beken
Vander Beken
Vander Beken
Vander Beken

Vanderperre V ctor
Vandoudenove Roman
Vanleyssens Pierre
Varlet Henri
Wadin Paul
Walravens Edouard
Wanants J B
Warden Van der Lou s
Warnant Alph
Wathour Armand
Wayembergh Frères & Soeurs
Wery Destevne —
Willot Maur ce
W nand Arthur

Leerbeek
Assche
Pett t Roelux
Rebecq
Lennick St Quentin
Leeuw St P erre
Thu lies
Vomalle L
Homon Hote
moor L
Hain
Fize Fontaine
H n
Bléret L
BELGIAN RED FLANDERS CATTLE
Ad jns Cynel Ooteghem Waereghem West Flanders
Annoot W Oudecappelle Dixmude West Flanders
Blomme Dés ré Thourout West Flanders
Bodder Edmond VI sghem Brugge Noord West Flanders
Bonte Edmond Clemiske Brugge-Noord West Flanders
Bonte Louis Dotti gurs Kortrijk West Flanders
Bossut Eugène Dotti gurs Kortrijk West Flanders
Boydens Desiré Zeveotte Chistel West Flanders
Brumme Octaaf Van Th el West Flanders
Bruynoghe Const Thourout West Flanders
Bulcke Achiel Essen Dixmude West Flanders
Busschaert Cynel Ieghem Ingelmunster West Flanders
Calweert Charles Cortemack Thourout West Flanders
Caloen Carl Baron van Lophem Brugge Zuid West Flanders
Cangehem Alois van Avelghem Waereghem West Flanders
Casselman Cyr Duzzele Brugge Noord West Flanders
Christiaens Emiel Ichteghem Thourout West Flanders
Clercq Le Coyde Veurne West Flanders
Cloet Jules Pithhem Thael West Flanders
Cloet Polydore Wulpen Neuport West Flanders
Collie W Cyr van Laeken Dixmude West Flanders
Compennel Ch Bovekerke Dixmude West Flanders
Drimman A s Waereghem West Flanders
Dumme Amé van Lapscheure Brugge Noord West Flanders
Dumme Florensd van Schoor Neuport West Flanders
David Hent Eggevaertscap Veurne West Flanders
Debruyne Gustaf Ingelmunster West Flanders
Deburghgraeve Henri Staden Rousselle West Flanders
Decker Can el Coyde West Flanders
Decker W Aug Zandvoorde Ghistel West Flanders
Deeroos Camiel Zeveotte Ghistel West Flanders
Deeyne Charles Ruddervoort Thourout West Flanders
Defer Jules Mercken Dixmude West Flanders
Dehaemers Cam Zeveotte Ghistel West Flanders
Dekelelaere Kinders Clemiske Brugge-Noord West Flanders
Deleu, Theophil Staden Rousselle West Flanders
Deemester R Anseghem Waereghem West Flanders
Deporter Henri Hoogdele Rousselle West Flanders
Deroy Adiel Aarssele Thael West Flanders
Desander Cam el Ichteghem Thourout West Flanders
Desander Richard Mercken Dixmude West Flanders
Desmet Evarist Staden Rousselle West Flanders
Dessavage Alo s Rumbke Rousselle West Flanders
Destombes Fimun Recken Kortrijk West Flanders
Destoop Dés ré Waereghem West Flanders
Devreese Marcel Zeveotte Ghistel West Flanders
Dewale, Jul en Loo Veurne West Flanders
Dewall René Ruddervoort Thourout West Flanders
Dobbelaere Kinders Ruddervoort, Thourout West Flanders
Dorgaere Alfons Pervyse Dixmude West Flanders
Ducatteuw C Harelbeke Kortrijk West Flanders
Faes Leon Bovekerke Dixmude West Flanders
Gevaert Medard Vlisghem Brugge Noord West Flanders
Gevens Robert Moerkerke Brugge Zuid West Flanders
Gheyle Maunts Lasseghem Brugge-Noord West Flanders
Goldhef Camille Brelen Ypern West Flanders
Gourlandt Gust Waereghem Waereghem West Flanders
D Hames Ed Waereghem Waereghem West Flanders
Halewyck Henr Ghistel Gh stel West Flanders
Halewyck Kinders Gh stel Gh stel West Flanders
Hancock Wed Damme Brugge Noord West Flanders
Hanssens Jérôme Staceghem Kortrijk West Flanders
Hoste Firmin St Pieters Brugge-Noord West Flanders
Hoste Kinders Ruysselle Th el West Flanders
Hilde Van Wed Duzzele Brugge Noord West Flanders
D Hultier K anders Westende, Neuport West Flanders
Hytté Van Camille Wulpen Neuport West Flanders
Jochbeere Od el s Heeren Wiers Dixmude Cappelle West Flanders
Joye René Houtem Veurne West Flanders
Keerman Frans Oedelm Brugge-Zuid West Flanders
Kimppe Richard Zarken, Dixmude West Flanders
Lalemant Odier Caeskerke D ximude West Flanders
Lalemant René Zande Ghistel West Flanders
Lammertat Georges Wolpen Neuport West Flanders
Lammertyn Victor Sweezele, Ingelmunster West Flanders
Lannoo Cam Ruddervoort Thourout West Flanders
Launers Ivo Staden Rousselle West Flanders
Leveque Peter Slippe Neuport West Flanders
Laghe Leon Dotti gurs Kortrijk West Flanders
Loghe Charles Wercken Dixmude West Flanders
Lombart Arthur Ing yghem Waereghem West Flanders
Lodewyck Amu l Wouven Dixmude West Flanders
Mernys Cyril Vlisghem Brugge-Noord West Flanders

PROMINENT BREEDERS (contd)

RED FLANDERS CATTLE (contd)

Meuleman Victor Spaarkeke Ch stel West Flanders
Montaigne Aug Couckelaere Thourout West Flanders
Mullie Jul en Dottignues Kortrijk West Flanders
Naejaert Leon, Ruddervoorde Thourout West Flanders
Naeynack Oscar Ichteghem Thourout West Flanders
Neyens, Richard Ichteghem Thourout West Flanders
Pauw Marcel Dumme Brugge-Noord West Flanders
Pattyn Emile Hoogdele Rousselle West Flanders
Pauwelyn Ernest Oostvlietoren Yperen West Flanders
Perryn Emiel Wyngene Thielt West Flanders
Pestel De Adolf Oedelem Brugge-Zuid West Flanders
Pollet Henri Thourout, West Flanders
Pout Henr Couckelaere Thourout West Flanders
Raes Odil Beverem Rousselle West Flanders
Renterghem Van Aug Ruysseide Th el West Flanders
Roelens Constant Gits Rousselle West Flanders
Rommelaere Jules Wulpen A vuport West Flanders
Roosse Adolf Amseghem Waereghem West Flanders
Santens Alois Ichteghem Thourout West Flanders
Segaert W Victor Cartemarek Thourout West Flanders
Slembroek Van Ed Oostamp Brugge-Zuid West Flanders
Smeets De, Adolf Oostamp Brugge-Zuid West Flanders
Spruytte Jos, Staden Rousselle West Flanders
Stamont Désiré Ch stel West Flanders
Tack Leo Westende Nieuport West Flanders
Tanghe Adolf Ruddervoorde Thourout West Flanders
Tollenaere De F rmin Wulpen Nieuport West Flanders
Toye Marcel Harelbeke Thourout West Flanders
Vanouli e Alois Cartemarek Thourout West Flanders
Vande Castelle Cam Denterghem Thiel West Flanders
Vander Bergh Aug V l s ghem Brugge-Noord West Flanders
Vandermersch Wed Moerkerke Brugge-Zuid West Flanders
Vandevlede Cypr aan Syssele Brugge-Zuid West Flanders
Vandenoacker Jules Sweveghem Kortrijk West Flanders
Vandenooren Jan Westkerke Ch stel West Flanders
Vanhooren Alfons Leff nge Ghiste West Flanders
Vanhoutte Gustaf Aveghem Waereghem West Flanders
Vanmassenhove K nders Spaarkeke Gh stel West Flanders
Vanneste Arsen Kollegheem Cappelle Moorsele West Flanders
Vanneste Arthur Moorsele Moorsele West Flanders
Vannes e Jules Ingelmünster Ingelmünster West Flanders
Verbrugge Cam Thielt Th el West Flanders
Vercaamat Th Waereghem Waereghem West Flanders
Vergaue August V l s ghem Brugge-Noord West Flanders
Verhaeghe Arthur Dolt g es Kortrijk West Flanders
Vergaue Valent n Moorsele Moorsele West Flanders
Verhelle Jules Pittham Thielt West Flanders
Verhoest Charles Waermaerde Waereghem West Flanders
Vermander Camiel Oudecappelle D xmuide West Flanders
Vermandere Jules Rumbecke Rousselle West Flanders
Vermaersch Cam Layscheure Brugge-Noord West Flanders
Vermaersch Henr Veurne Veurne West Flanders
Vermulen Jules Brulen Yperen West Flanders
Verstraete Leopold Pervyse D xmuide West Flanders
Vlaamck Ernest Moerkerke Brugge-Zuid West Flanders
Volder De Gustaaf Nieuport n vuport West Flanders
Vuytstie Jules Rollegheem-Cappelle Moorsele West Flanders
Wale De Leonard n euwünster Brugge-Noord West Flanders
Waermans Charles Ruysseide Thielt West Flanders
Wasselaer Van Jos Ruysseide Thiel West Flanders
Watersen Is dore Wulpen A vuport West Flanders
Watteyne Camiel Hoogdele Rousselle West Flanders
Wuylle Achiel Dolt g es Kortrijk West Flanders
Zwaenepoel Charles Zandvoorde Gh stel West Flanders

BELGIAN RED WHITE OOST FLANDERS CATTLE

Backaert Janderen Bayegem Oost Flanders
Baere De Gust Cruyschaum
Bauwens Alois Steenhuyse
Beckers Richard Esclo
Beckaert Arthur Escche St Lie n
Beekman Petrus St Goonx Audenhoe e
Blancquaert K nderen Overmeure
Blancquaert Benj Hoorebeke Ste Marie
Bock K nderen De Welden
Bloeuer De Alfons Poesele
Boschaert Jules Leerne St Mart n
Bosche Jules W Bellem
Boussie Cynel Lemberge
Casteur Seraf en Moosel
Casteur Remi Cru schautem
Cauwenbergh van hen Wann gem Led
Ceuterick W G E rre
Clerq De Thiel el Alden
Circbaert Iroeders Appelterre
Cuppel De Victor Woubrechtge
Coquyt Aimé Nedri
Coen, Em el V eelerve
Coyns, Joert Idem
Daele Van Cam el Bellem
Damme Van, C St Jean n Ervino
Desoex De Aug Waterslet
Desoex n, Cyn t Oostmunt
Diasee Hoover Herrie
Dont, Gentiel St Denis Westm
Duyffreter Florent Hoorebeke St Marie
Dubbelaere kind Ba hie Maria Leerne
Dessens W Oostmunt
Duydard, Jan Welden
Duyssens Rene Bayegem
François Jules Renaix

Francois Pieter
Gereout Camiel
Germact Cam el
Geeroms Paul
Geynst Vander
Godsdiab s Justlen
Goten Vander
Heghe Van René
Haenebalcke Alf
Haute Van Jules
Hebberecht Henri
Henau De Lugeen
Henau De Ietrus
Herremans Van de Alo s
Herremans Frans
Herpinckx Ietrus
Heyden Vander Aug
Hove Van Em
Hulle Van Henr
Hyfte Van Aug
Hyfte Van C
Huybrecht Gustaaf
Huyssmans W Aug
Israel Van Alois
Jeghel De W R chard
Jepkens Edmund
Kerkhove Vande Armand
Kerkhove re De Jules
Knef De Petrus
Lambe t Jacobus
Lander Vander Eug
Lander Vander W R
Lips Aug
Lootens Henri
Mach elnckx René
Machtelockx René
Malt el Frans
Martens Fel x
Matthys J B
Martens W
Meulmeester De Ad
Meulmeester De Jules
Moekens Leo
Moor De Omer
Moewe Thiof el
Neve De W
Neyt Alfons
Neyt Jan
Nieuwenburgh Van Ach
Paape De Charles
Paaw De Kinderen
Pauw Aug
Peder Cynel
Petrus Leo
Preez De F lenon
Provincie landbouwschool
Pulver Vander Petrus
Raave De W
Ramon Charles
Remuf Vaaler
Rngoot Alfred
Roo De Clement
Roo De Prudent
Rore Jos
Rott ers Edouard
Schelstraete Aug
Scholier Arthur
Simons Ach el
Smet De Cynel
Smet De Gust
Smet De Jan
Snack Van R chard
Ste Barbaraghecht
Steppe Henri
Sryt, Vander Gebroeders
Temmerman, Cesar
Thaye De Frans
Tollenaere De Janderen
Torck W
Velde Vande Kaym
Verdonck W
Verreke Aug
Vermaele Jules
Verns K Alf
Verschelden, W
Vindover, Aug
Vort, Adolf
Vos De Cynel
Wale Van de Janderen
Watte Prosper
Wauters, Clemeat
Wauters, Louis
Wasselaere De Aug
Zutter De Theod.

Oost Flandern
Maldegem
Opbrakel
Esclo
Moerbeke
Florent Quaremont
Oosterzele
W Lebbeke
Onckerele
Trencher
Nazareth
Evergem
Steenhuyse
Escche St Liev n
Stenbeke
Santbergen
Opnasselt
Vezzele
Cruyschaum
Somergem
St Laur ds
Evergem
Hamme
Evergem
Santbergen
Vultre
Wachelen
Cruyschaum
La Pintie
Opnasselt
Vlycht
Hoorbeke St Come lle
Audenhove
Lootenhulle
Maldegem
Parycke
Niederbrakel
Hamme
Lootenhulle
Deif nge
Gavere
Schoorisse
Schoorisse
Nazareth
Moorzele
Evergem
Evergem
Slejd nge
Desteldonck
Elene
Stri pen
Hoorbeke Ste Marie
Hoorbeke Ste Marie
Erwetegem
Wchelen
A Welden
Wchelen
Gavere
Cherscamp
Santbergen
Denderbelle
Onckerele
St Laurent
Heurne
Zotnegem
Scheldewandeke
Overboulare
Ewtegem
Schoorisse
Audenhove Ste Marie
Oost Wynckel
Hoorbeke
Wetteren
Appelterre
Loochristy
Buggenhout
Onckerele
Gavre
Ba hie Maria Leerne
Bellem
St Denis Westm
Evergem
Neve e
Herzele
Melden
Hoorbeke Ste. Maria
e Druyst
Steenhuyse
Ervel e
Opnasselt
Seyd nge
Wyd nge
Evergem
Avergem

BELGIAN CAMPINOISE CATTLE

Aalen, van J B
Atten, Paul
Amsherk, Jacques
Bierma, W
Beerden, Gullame
Brucka, H. Gert
Toengroen
Duyseck
W. J. J. J.
Hase t
Hase t
Hase t
Hase t
Prov Antwerp
Limb

PROMINENT BREEDERS (contd)

[illegible]

Livestock Breeding in Bulgaria.

The latest Live Stock Census in Bulgaria estimates the sheep flocks to total about 9,000,000, cattle 1,879,000, pigs 1,091,000, and horses 391,000 head. In Bulgaria the actual owners of the land are the peasants who have always been freeholders as no aristocracy ever existed. The legislative power has always been vested in a single Chamber, the Sobranie, elected by universal suffrage, and as the Bulgarian peasant is a man of very strong mentality, proud, independent, industrious and of a careful disposition, this State of peasants may some day become the leading power in the Balkans. Of Slav origin the Bulgarians at first settled on the wide, large plains of the Volga whence they later on migrated southward towards the region of the Danube river. Here a Bulgarian realm was early established but as it threatened to become too formidable, the Turks fell over and subjected the Bulgarians for many years after having conquered them in the year 1018. Later on however, assisted by the Wallachs the Turkish yoke was thrown off and Bulgaria developed in every direction until once more, in the year 1391, the Turks again fell over the country and annihilated tens of thousands of the best people. Since then many Bulgars emigrated to other countries, driven to these through poverty such as Roumania, Hungary, Russia and Turkey but when Rumelia finally refused to continue to exist as a Turkish province and in 1886 joined Bulgaria this country has steadily developed its natural resources and to day the Bulgarians proudly call their country Greater Bulgaria. As there are only a few industries, farming with live stock breeding is almost the sole occupation.

Buffaloes are being reared in many districts, chiefly for draught purposes and among the indigenous cattle strains several are quite valuable easily fattened good milkers and attaining considerable size. The sheep are, however, the mainstay of the smaller farmers and the three indigenous strains are reared for wool, for mutton, and for milking. As for the peasant farmers, in no branch of live stock rearing is much attention paid to breeding from pure stock but on the larger agricultural estates belonging to the Crown, and on several ecclesiastical domains and farms belonging to larger estate owners pure bred horses of magnificent qualities are bred, while here and there excellent bulls, rams and boars are also used. In the very extensive forests the pigs are permitted to roam about, often attacked by wolves and often mating with the wild boar.

Soil and climate in Bulgaria are excellent, with warm but never oppressive summers and the winter climate is cold but salubrious. Crops of wheat, barley, oats, maize and millet are as a rule bountiful and all over the southern slopes lovely rose gardens are cultivated in support of Bulgaria's interesting industry, distilling Attar of Roses. Tobacco growing is general, and the quality as a rule very good; and

luxurious flax and hemp crops can be seen in various districts. In many parts of Bulgaria the Highland reaches an altitude of 8,000 feet, even higher, and here opportunities for sheep breeding are remarkably good. The Bulgarian indigenous sheep can easily be improved through selection and controlled mating, and the wool finds a ready market in all the neighbouring countries.

Thirty years ago at least two thirds of all the arable land in Bulgaria was held by small peasant owners whose holdings seldom reached over 40 acres. During the last 25 years a great parcelling of land has taken place chiefly resulting from a new law providing for small agricultural holdings. The result has been the creation of many thousands of new farms of from 15 to 20 acres. As on all of these small farms wheat, barley and rye are every year cultivated on half of the area it follows that the fertility of the soil is constantly being improved. On many farms in the neighbourhood of Sofia and Kustendil wheat and oats are cultivated mixed. It is reliably stated that 15% of the arable land is constantly left fallow. Sugar beet cultivation of comparatively recent date, is now coming much into vogue and Bulgaria has now six sugar factories producing some 30,000 tons of sugar from beet. Vegetable gardening is coming much to the fore and the area for this branch of agriculture is now over 30,000 acres. The vineyards have lately been given less attention than previously owing to the deplorable encroachments by the Phylloxera. Up to quite recently the absence of modern agricultural tools and machinery, an inheritance from the Turkish days was remarkable, but after the war over 200,000 steel ploughs reaping and drilling machines, etc. have been imported. The number of operating motor ploughs is now close on 100. The co-operative movement has taken hold of the Bulgarian farmers, nourished by the establishing of very large co-operative consuming Societies in the towns through which grain, flour, dairy products, fruit, wine, tobacco, etc. are sold direct to the consumers from the producers, thus the development of Bulgarian Co-operative Agricultural Societies has expanded in a remarkable degree and there are to-day 200 Credit Associations, 361 Consumers Societies, 171 Buying and Selling Societies, 142 Producers Societies and 103 Societies for various purposes. In the year 1864 the foundation was laid to a remarkable institution under the name of "Agricultural Cash Offices," the purpose of which was the granting of credit to small farmers. Now known as the Agricultural Bank of Bulgaria, this institute is a powerful instrument for help and encouragement of the small-holders, supplying every year credits to over 1,300 agricultural co-operative syndicates. The Bank enters into arrangements with the cultivators for the handling and selling of their products, advances money at sowing time, collects, assort and sells the products; and in regard to

exportable products as tobacco, silk cocoons, attar of roses, wheat and barley, the Bank even arranges for the exports to foreign countries, accounting to the producers the nett results of sales, only charging a small commission for the handling. During the last few years the Bank has erected at many places of the country warehouses and sheds for the sorting and preparation of tobacco and silk cocoons, while purchasing and importing machinery, tools seeds, fertilisers and all such articles which the farmers require in the

course of the year. Another highly useful institution, the Bulgarian Central Co operative Bank, a social institution established in 1910, besides being a credit granting bank, is chiefly responsible for insurance of live stock, crops and implements. Thus up to 1927 the number of land owners who insure their crops and live stock has increased from year to year, and the percentage of small holders who take out live stock insurance policies is stated to be proportionately larger than in any other country in Europe.

Breed Societies.

Agricultural Society for Bulgaria Rue Gladstone 69 Sophia
Clementina State Breeding Farm for Cattle Pleven

Harloff Brothers Gara Bourchevovtzi Ferd nandso Okolva Vratschensko
Kabiyouk State Breeding Farm for Cattle Schumen

For enquiries regarding livestock breeding in Bulgaria correspondence may be addressed to Society of Bulgarian Agricultural Engineers
Rue Gladstone Sophia

Livestock Breeding in Corsica.

This little island in the Mediterranean with an area of about 3 772 square miles where the climate is wonderfully salubrious and the heat as a rule, never excessive, the breeding of sheep and goats is an ancient industry. True, agriculture is still in a very backward state, but wheat crops of good quality are harvested and potatoes, olives, lemons and grapes grown in abundance. The chestnut reaches in Corsica remarkable size and is of excellent taste, and in many parts of the island it is the staple food of the people. Curiously enough, although the island has long been a French possession, the language spoken is still Italian. The people are sturdy and thrifty, of a pleasant mentality, with the exception of their inclination to settle disputes by means of "vendetta," and they are naturally inclined to farming and live stock breeding. A good type of

sheep is here bred, and the Corsican pig is by no means a very backward animal, and both could be considerably improved through better breeding methods and crossing by superior Stud animals. Although the population is larger than in the great Dominion of Newfoundland—about 310,000—for various reasons Corsica still remains to day a backward country owing to lack of enterprise of the Corsicans themselves and lack of means to develop their farms. The history of this island is romantic, as in mediæval times it was continuously and alternatively invaded by the citizens of Pisa and Genoa. The great Emperor Napoleon was a native of Corsica.

No live stock census has been taken in recent years. It is chiefly as a breeder of sheep that Corsica will have any interest for live stock men.

Les éditeurs

de "1 INTERNATIONAL DIRECTORY OF PEDIGREE STOCK BREEDERS,

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disposent d'un répertoire, continuellement tenu à jour dans lequel sont inliques les noms des personnes qui, à leur connaissance, s'occupent de l'élevage d'animaux de race destinés à l'Agriculture. Ce répertoire englobe les éleveurs de tous les pays civilisés et contient des renseignements très précis sur les noms et adresses des éleveurs ainsi que sur leurs animaux. MM les éleveurs de bétail quel que soit leur pays sont invités à demander des renseignements concernant les débouchés, les cours, les questions de transport, les animaux les mieux adaptés à tel ou tel climat, les marchés d'approvisionnement etc etc. Réponse leur sera faite par retour du courrier et à titre d'absolument gracieux.

Livestock Breeding in Cyprus.

The Live Stock estimate for Cyprus states • cattle 42,000, sheep 280,000, pigs 33,000, horses 3,800

In his recent interesting survey of the history and development of the Island of Cyprus, Mr W H Flinn states that "the importance of Agriculture in Cyprus cannot be exaggerated as a good harvest means all the difference between prosperity and want." And so it is Cyprus is not an island where the cultivated land is in the hands of a few ancient families as is often the case in the islands of the Mediterranean, here it is the small peasant proprietors who cultivate their small acreages of land, selling their produce to the nearest merchant. Farming is carried on after the most ancient methods, but conditions are slowly being improved thanks to the untiring efforts on behalf of the Director of Agriculture. The drawback is much the result of lack of capital and therefore it is not surprising that during the last two or three years a tendency is noticeable among local capitalists to acquire small peasant holdings with a view of turning contiguous areas into larger estates. The Department of Agriculture, however, to which is attached a Veterinary Department with a fairly large staff of administrators and advisers, is doing a great deal of good towards enlightening the peasants concerning better methods instead of scratching the surface with a wooden plough, reaping the crops with the sickle and threshing the corn by moving the oxen up and down. The agricultural school for the education of farmers' sons, with a three years' course, has already brought about a new way of thinking among these young farmers who recognise that education may have its advantages. The students enter the school at the age of fifteen or more, reside in a hostel the cost of which is 1s 4d or thereabout a day, while they daily receive a similar sum in payment for the field work, etc., they have earned out during the day. At Athalassa is a Government Stock Farm for the purpose of teaching live stock breeding and dairy farming in a large scale manner, with splendidly equipped dairies, while in the Laboratories the students have opportunities of learning practical chemistry, Viticulture, Sericulture and Entomology, and in an interestingly organised Apiary with a number of beehives under the tuition of an expert the rational studying and handling of Bee products is learned—important as a very considerable income to the islanders is derived from this branch of agriculture.

Curiously enough, in spite of the small area of Cyprus some 320,000 acres of cultivatable land are still uncultivated. Forests cover some 450,000 acres, and 1,125,000 acres may be estimated to be under cultivation. The total area of Cyprus is thus 2,293,810 acres. Splendid crops are being grown on the island as can be seen in the plain of Mesaoria the central plain of Cyprus stretching over the whole island from Morphou Bay, across to Famagusta. During the winter months, between October and March, the rainy period, the average fall is 18.5 in., owing to which happy circumstance the harvest can as a rule be

relied on to turn out a success. In March much rain is the rule, to the benefit of the cereal crops, chiefly wheat.

It has been stated, and probably truthfully, that a belief in Providence and a deplorable absence of thrift are the chief characteristics of the Cyprus peasant farmer. His mentality seems unable to understand the importance of saving for a rainy day, and thus it happens in a year of bad harvest or bad corn prices he is without means of existence and has to resort to moneylenders at exorbitant rates of interest on the security of his land and crops. This explains why visitors often see so many peasant farmers waiting outside the Law Court to which they are summoned for debts. Now, however, in this respect matters are improving as the Government some years ago enacted a series of new Laws for the protection of the farmer against usury (the maximum rate of interest on loans to farmers is 12%). A 'Merchants' and Farmers' Law compelling the former to keep books and truthfully record their dealings with the farmers, a Law through which an insolvent farmer can exempt from bankruptcy or creditors sale of his property so much as may be necessary to maintain himself and his family, while another Law is now in force according to which the creditor has to prove to the satisfaction of the Judge that his claim is real and based on real facts.

Some twenty co-operative credit societies for the benefit of farmers are now in operation, chiefly with money borrowed from the Government at a peppercorn rate of interest, for the purpose of lending it in small portions to co-operated members.

The chief crops in Cyprus are wheat, barley and oats, but the cultivation of fruit is perhaps even more important. Thus considerable capital is accruing from walnuts, chestnuts, almonds, figs, apricots, peaches, etc. The Cyprus cauliflower and tomatoes are renowned all over the Mediterranean countries. The locust bean is perhaps the national crop and the export trade in this article, chiefly with England, Egypt and France, is increasing from year to year. The locust trees are certainly being improved and the average crop may be estimated at half ton per tree valued at 35s to 45s. Cyprus, is of course, a cotton producer, although on a small scale, and the crop is as a rule turned into manufactured goods locally.

In the year 1898 improvement in live stock raising was commenced. A Stock Improvement Committee, formed for handling the matter, commenced importing stallions. The already mentioned Experimental Farm has been added to from time to time for stock raising purposes and has now an area of 2,000 acres. Juvenile convicts from the central prison are carrying out most of the work, an experiment that has turned out an unqualified success. During the last eight years live stock—stallions, cattle, pigs, etc., have been regularly imported. Eight stallions are now placed at Athalassa. Devon and Shorthorn cattle have been imported into the island and crossed with

indigenous cattle, the crosses turning out fairly well. Whether these breeds are the most suitable remains to be seen and it is possible that an entirely new type of cattle will have to be created as the inhabitants in the island are very prejudiced against consuming Cyprus beef. A number of cattle are consequently imported for slaughtering purposes.

As regards pig breeding it would be well within the possibilities to create a very large pig industry in the Island of Cyprus. The miserable wretched-looking native breed has now almost disappeared as a result of regular imports of the Large Black pig from England and the stationing of boars at Stud stables in many districts. The Gloucester Old Spots pig and Middle White Yorkshires have been imported and done fairly well.

As regards sheep breeding, the Government have for some time tried to create a type of sheep with a view of breeding wool of more uniform quality, so as to demonstrate to flock owners in the island that sheep breeding is a paying proposition. Whether any imported sheep breeds in the long end can act as good substitutes for the indigenous Cyprus sheep is questionable, as this historic fat-tailed sheep has been bred in the island since time immemorial and become almost a local necessity. It is yet too early to predict how the imported sheep types will thrive, and meantime great care is given to breeding matters.

Among other animals, donkeys are bred in the island and exported in large numbers to Anatolia, even India and the mule here in Cyprus is probably one of the finest and most elegant of its type to be seen certainly far superior to mules bred in any other Mediterranean country. Then, of course, the Cyprus camel is a good specimen, chiefly suitable for transport work, but unsuitable for trotting. Goats are bred, but as Mr Flinn stated not so long ago, they are "an unmitigated curse."

The Exhibition held in the year 1923 acted as an eye-opener to the inhabitants themselves as they here, for the first time in the annals of this ancient island, had opportunities to study the benefits of organised live stock breeding based on prominent stud animals and the benefit accruing to soil and crops from utilising modern machinery and tools.

The Cyprus breeds of cattle were up to the time of the occupation in 1878 almost entirely used for draught and they certainly are excellent for that purpose. The military authorities would not look at them for beef, and for many years they imported oxen for the troops from the Danube, and it was not until 1893 that an effort was made by the inspector of agricultural industries to prove that they were suitable for beef production.

The Cyprus cows are very poor milkers, and with a view of improving their milking capacity and the quantity of the meat without deteriorating them for draught, the Government some time ago sanctioned an importation of one Aberdeen-Angus bull and one Red Poll bull from England.

The flock of Cyprus sheep at Athalassa was purchased in 1904 from different flock owners in the island. The object aimed at was a general improvement of the wool, with the elimination of colour. This improvement has been slow owing to the difficulty of obtaining suitable rams to prevent in breeding. The work done at Athalassa has been an object lesson to the island shepherds who now realise the advantages to be gained by selecting their rams and ewes for breeding purposes. Whenever there is a sale at Athalassa they seem willing to pay high prices knowing that they receive good value for their money. Every year the old ewes are culled, sold and replaced.

A serious mistake which Cyprus flock owners commit is that they generally keep more sheep than they can find grazing for, with the result that in the autumn the sheep are practically in a state of starvation and very liable to disease. When rain and green herbage arrive the sheep feed ravenously, and unable to stand the sudden change, a considerable number die.

Recently some Merno rams and ewes were imported from South Africa as an experiment at the Athalassa Stock Farm.

Years ago the Stock Committee imported two boars and three sows of the Large Black breed, and from this time dates the improvement of the Cyprus pig. The Large Blacks are hardy and admirably suited to the climate, and the result has been a general improvement of the pig stock in the island.

Pig breeding at Athalassa has been steadily maintained, and 1,977 pigs of different breeds have been distributed in the villages with the result that there is a very marked improvement. The boars are stationed at the Stud stables in different parts of the island and the villagers appreciate being able to get their sows served at a fee of four pence.

Boars are also being presented to the villagers in the Paphos District on condition that they must be kept for three years for Stud purposes, after which time they become the property of the farmer with whom the agreement has been made.

Cyprus is the home for white and bronze turkeys. They thrive very well indeed, though as a rule they do not run to a great size. The American Mammoth Bronze breed has been imported, and up to the present done very well, and it is hoped that the native breeds will be improved by crossing with these birds.

Aylesbury ducks were first imported in 1895 when they were distributed in the village of Kythrea where there is perennial water. They have done extraordinarily well and displaced the native small ducks. A few years ago, however, the villagers came to the conclusion that ducks foul the water supply, and a resolution was passed among themselves "that they should be banished."

Cyprus has a healthy climate for Poultry breeding, but great difficulty has been experienced in the past in combating the various diseases prevalent in the Mediterranean. These have been mostly overcome and the poultry to-day is healthier than ever before. There is a great demand for stud birds.

Livestock Breeding in Czecho Slovakia.

The last Live Stock census estimates the number of cattle at 4,692,000 head, sheep 860,000, pigs 2,540,000, and the horse stock at 740 000.

From various points of view live stock breeding in this country could easily serve as an object lesson in what can be achieved through agricultural co operation and a strong will to achieve results. The farmers have long aimed at eliminating indiscriminate breeding and increasing the breed capacity and performance ability of their herds, and resulting from well thought-out schemes for regulating breeding with a view of developing all that was good in the indigenous breeds, it was long ago decided that these could best be improved through group selection and controlled mating, confining such measures to local or District appointed Committees. This led to a movement among farmers and breeders to form Associations for mutual self-support, and a number of Societies were created in which membership was only offered to such farmers who would undertake to strictly adhere to adopted rules. In the following list of breeders Societies the diversity of their aims and purposes may be seen. The number of co-operative horse, cattle pig, etc breed Societies officially registered is now 373, considerable indeed when the size of the country is taken into consideration, but it should be remarked that the greater number of these many Societies only register as members the local breeders. Compared with pre-war figures when Bohemia was still a part of the Austrian Empire, the number of co operative Societies has increased by over 50%. Resulting from political conditions and the refusal on the part of the Bohemians to have their administration and conditions of life regulated from Vienna, a movement very long ago was started with a view of economically developing the country in every respect for the purpose of biding the psychological moment when the hated yoke could be thrown off, and this truly national movement was powerfully promoted through their ardent love of their country and its history, the romance of which stretches back almost one thousand years. It was felt that the road to success and independence was through self education and thus it is explained why the agricultural schools in Czecho Slovakia like all other institutions for education in this remarkable country, have long been a pattern of what such schools should be. In short, everybody is trained or training with a view of making himself suitable for his place in the country, and probably no other land in Europe has adopted such a well-defined and highly efficient system of popular education. This being the case, it follows that agricultural training has led to improvements in every sphere of agricultural activities and to-day their sugar beet cultivation barley production the pork and ham industry, brewing of ale, dairying beet sugar manu-

facturing and live stock breeding, powerfully assisted by Government and agricultural credit Institutions, illustrate the very high level to which these branches of agriculture have been brought through the farmers themselves. A number of efficient banks exist for the assistance of the breeder and farmer, and the thrifty agriculturist can always reckon with an accommodating hand from these when needed. Agricultural District Boards control and manage a number of pursuits, and appoint Committees for selection and decision of which animals shall be admitted for breeding.

As regards pig breeding, this branch of the live stock industry is all over the country supervised by small local amalgamations of breeders farming in a district, and these in turn, are supervised by the Co operative Breed Associations which tackle the matter of controlling the performances of the breed animals. Sheep breeding has never been given particular attention in Czecho Slovakia as mutton is not favoured by the housewife, and sheep are mostly maintained for their milk which is largely utilised in cheese making. The highly developed cloth weaving industry in Czecho Slovakia always gives preference to the wool grown in the country.

In regard to horse breeding, the heavy Oldenburg horse is much in favour and bred in many parts of the country, and State owned stallions are maintained at a number of large Studs. Stallion Depôts are likewise in function and spread all over the country. The English Shire horse is a favourite, as is the Pinzgauer horse, but the Belgian heavy draught horse is probably the chief favourite among the farmers. The little hardy Hucul horse, so extensively bred in Hungary, is also largely bred in the hilly parts of this country.

The Simmental and the Brown Swiss cattle are much in favour and widely bred, but lately the Moravian native cattle breed seems to be singled out for special attention. The Department of Agriculture through its live stock section, is continuously assisting the Breed Societies by the granting of monetary help towards acquiring valuable Stud animals and in various other directions the Department is exercising benevolent influence for the good of the breeders—through Research work at State-organised laboratories where experiments are carried out under the supervision of experts with a view of discovering ways and means of assistance, and suitable for a local district, by undertaking the control of breeding operations at Government expense, or by simply lending money without interest for a number of years, not repayable until the borrowing Society is capable of refunding etc.

PROMINENT BREEDERS AND SOCIETIES (contd.)

Státní rolnická škola Hol c	Swiss Brown Cattle	Trautmansdorfská vrchní správa velkostatků	Simmental Cattle
Státní rolnická škola Sab nov	Pingau Cattle	Horsvug Tya	
Státní rolnická škola Žituvic	Merino Sheep	Vanovec Mari n Dazkovec	Pingau Cattle
Státní velkostatek v el Bakla u Berezgáru	Pingau Cattle	Vecey C Senel	Steppe Cattle
Státní význa hospodářská škola Koc ce	Kazakul Sheep	Velkostatek Janovecva p Klatovceva	Yorkshire Pigs
Státní výzkumný ústav pro plemennářskou biologii	Summental Cattle	Velkostatek humstát	Landrace Pigs
Prague	American Trotters	Velkostatek Smolen ce	Merino Sheep
Státní zemědělské školy Komárovo	Yorkshire Pigs	Velkostatek Ohrensteinov Sered	Yorkshire Pigs
Strasser Rud Majorháza Fel	Swiss Brown Cattle	Velkostatek kumsky Lysa nv/L	Lip can Horses
Suck A F Gernous okr Stenbo	Swiss Brown Cattle	Vrchní správa velkostatků Clam-Gallace Friedland	Yorkshire Pigs
Svaz kontrolních spolků a plemennými knihami	Yorkshire Pigs	Wieland Adorj Farkasovec	Pingau Cattle
na Morave Brúno (Cerná Pole Mor	Yorkshire Pigs	Wienerwelten Rudolf Baron Prague	English Half Blood
sem, výzkumný ústav zootechnický	Swiss Brown Cattle	Windschgratz Dr Alfred Tachov	English Half Blood
Svaz německých chovatelů prasat pro Moravu	Yorkshire Pigs	Winter Jos Hermankovice okr Broumov	Yorkshire Pigs
Brúno Zemské Dum II	Schönhengst Cattle	Zeměd spolek Albr okr Nová Bystřice	Seeland Sheep
Svaz spolků pro užitkovou kontrolu chlevení	Swiss Brown Cattle	Zeměd spolek Právek n okr Vimperk	
Moravská Trebova	Merino Sheep	Zemské výstři hospodářské školš Hor Hermanice	P gs
Rybnarov		okr Fryvaldov	
Taub nger Ladislav Turá u Levic		Ziegler Dr Rudolf Dolní Tesov	Simmental Cattle
		Zohner Rudolf Horní Velkuby okr Bruntál	Swiss Brown Cattle

Livestock Breeding in Denmark.

The Live Stock estimate for Denmark states cattle 2 840,000, sheep 231,000, pigs 3,124,000, horses 548,000.

There are few countries where the farmers and breeders so successfully battled against difficulties and obtained such splendid results as is the case in Denmark. Bred almost white by the terrible war years during last century, the Danish people made up their mind to consolidate the position as an agricultural community and develop their natural resources on national lines. Without any assets useful for industrial development such as coal and minerals live stock breeding and dairying seemed to be the means hereof and with remarkable single-mindedness the Danes set about organising farming and milk production on new principles. Fortunately, men such as the late Docent N Fiord and similar others clearly saw that the development of Denmark's national asset, pig and cattle breeding, could only run along lines suitable to the country's resources and plans were worked out for bringing about unity in breeding while at the same time the co-operative movement, so sympathetic to the Danes, took hold of their imagination. By stating that to-day every single pig bred in Denmark is a replica of all the other pigs the picture is given in a nutshell. This wonderful accomplishment has only been possible owing to the determination of the Danish farmers to build up a real export trade as theirs is to-day with the United Kingdom. The percentage of men devoting their energies to commercial activities or to manufacturing is remarkably small in comparison with the great percentage of the people, men and women, who devote their whole life to live stock production, dairying and other agricultural pursuits, but they are backed by the Government, by their own organisations, by their co-operative "instinct," and by a feeling that they are fighting a continuous battle for their own existence. Whether the Danes can continue to hold the English bacon market as they hold it to-day is doubtful, and probably some day the British Dominions will oust them as chief suppliers to the British breakfast table. This,

however is not yet, and meantime one cannot see competition from any other source, as the only present alternative would be Germany where one of the best landrace pigs in Europe is bred and fattened. But Germany has her home market to supply, and the Germans are probably the largest pork eating nation at the present time.

The Danish Slaughter House figures for 1925, 1926, 1927 were

	Pigs	Cattle	Fatted Calves	Four week calves
1925	3 796 199	240 193	154 091	100 664
1926	3 833 666	211 484	173 356	108 249
1927	5 034 206	149 303	177 906	113 318

This remarkable development in Denmark, as already stated is backed by the Government, but kept alive and maintained by the Danish farmers themselves who have shown remarkable skill in organising their agriculture. Judging matters from an outsider's point of view, every pursuit seems to be regulated, directed and supervised by themselves for themselves, and through their own financial means. Here are a few facts and figures.

The Department of Agriculture, Copenhagen, is the highest authority on farming. Then there is the Landvaesenskontor under which a number of Secretariats are working, dealing with Rates, Taxes, Accountancy, Organisation, Tithes, Small Holdings, Travelling of farmers for study purposes, Contributions to Live Stock Breed Associations, Breeds, Breeding Centres, agricultural Exhibitions and Shows, Dairy Organisations, the Veterinary Service, Experimental Laboratories, Poultry Breeding, Honey production, Game, Forestry, and so on. As will be seen, a large field of administration.

The Royal Veterinary and Landbohøjskole's Serum Laboratory, Copenhagen, is a remarkable institution, aiming at producing serum, vaccine, tuberculin and many bacteriological preparations utilised in the fight against animal diseases. This Laboratory has carried on investigations and research work during

very many years, and enormous sums of money have certainly been saved for live stock breeders through discoveries made there from time to time

"Statens Husdyrbrugs Udvalg" is another Government institution organised for handling all kinds of experiments and research connected with live stock breeding. The best brains in Denmark among breeders and agriculturists are always drawn to its Committee of Control whose work is of the greatest benefit to farming. Then there is "Statens Mejeri Udvalg" originally organised by the Government, handling the many questions on which the Danish dairy industry rests. Its Board of Directors eight in number, is appointed by the farmers, with the approval of the Minister of Agriculture and likewise drawn from the best brains and experts. A Government experimental dairy—Statens Forsøgs Mejeri—is constantly working out new ideas and suggestions on behalf of farmers and dairymen connected with the milk, butter and cheese trade having at its disposal for experiments the milk of some 1 000 dairy cattle, obtained from private producers as well as from several Government farms.

Outside the pleasant little town of Hillerød, not very distant from Copenhagen, the Government run several agricultural farms with a total area of 1 100 acres all of which is placed at the service of the previously described institution for field experiments and matters connected with stock breeding and feeding etc. The activities which are here carried on are always of the greatest interest to the Danish farmers, small and big, all over the country, who never neglect to pay frequent visits to these farms to see and learn for themselves what is going on. These activities are controlled by a Committee consisting of prominent agriculturists and live stock breeders.

The Royal Danish Agricultural Society—Land husholdnings Selskab—is a busy institution indeed. Under this numerous expert advisers on breeding dairy cattle, pig breeding, breeding of light horses, butter and cheese making (one or more for each of the various Danish islands, and a number for Jutland) and experts on agricultural machinery, sugar beet cultivation, etc., are busily filling their days by advising the farmers.

As regards the pig industry, a permanent council—"Bedømmelse Udvalg for Svineavl" Centre—is entrusted with all matters pertaining to the control of pig breeding for experimental purposes. The Committee is drawn likewise from the best known brains and successful breeders and men conversant with the Abattoir industry, the Department of Agriculture appointing the President. The Committee supervise the experiments in feeding, breeding selection, etc. carried on at the various centres which are selected for experiment breeding for one year at a time. Among the various institutions dealing with agriculture and live stock breeding in Denmark, this is probably the most popular and important, as its work is recognised as of real national value.

At a number of well conducted chemical Labora-

tories fertilisers, artificial manures and cattle and pig feeding stuff are constantly being examined, and probably in no other country in the world do the farmers and breeders attach such importance to analytical results as pronounced in these Laboratories, as is the case in Denmark where it would be impossible for a merchant firm or co operative society handling these merchandises, to sell anything to the farmer in these categories without being first asked to show the analysis.

Another institution whose business is to create and maintain co operation between the Provincial agricultural associations for promotion of any matter of interest to Denmark's agriculture—"De Samvirkende Danske Landboforeninger"—deserves to be mentioned. The chief idea is to maintain a united front in dealing with the Government or other industries, and to protect the farming and live stock breeding community against possible infringements of rights or encroachments of territory. This is a singularly successful institution, one that has bestowed much benefit on Danish farmers. The committee of Control central as well as departmental in the different Islands is drawn from owners of small or middle-sized farms and the tenant farmers, and rarely from larger estate owners. The institution is in possession of large funds. It appoints a special committee for the registration of any and all such information concerning Danish breed animals that may be considered of economic and national value in live stock breeding, and this committee—"Registreringsudvalg for Kvaeg og Heste"—issues a 'Register and Stud Book' in which yearly "the results of Research in live stock breeding" are set out. The committee is working in two sub-committees, one for experiments with breeds and the other for live stock breeding pure and simple. Some very remarkable Reports have been issued and the advent of the Committee's publications always looked forward to.

The Danish Small Holders' Association is another remarkable "movement" towards bringing farming within the reach of the smallest man, but enough has elsewhere been written and stated concerning this organisation which truly may be called and is, one of the pillars of Denmark's agriculture.

The Danish dairies are now brought up to the highest pitch of production and they all belong to Associations and societies handling their interest with the single point in view—the production of butter for the English market.

The Associated Danish co operative Pig Abattoirs embrace fifty one co-operative Associations and their Council representing an enormous number of pig breeders, has for its business continuous watch of everything that may promote or retard the interests of these breeders. The members of the Council are all small farmers and breeders or men intimately connected with the business of pig slaughtering and its activities during many years have been one of the blessings enjoyed by the Danish farming community. Let it be mentioned that this Society also looks after and arranges for mutual pig transport insurance.

There is a number of Associations and societies working exclusively for the benefit of horse breeding. Those who are conversant with the Danish horse breeding industry will readily agree that during the last thirty years a remarkable uniformity in type has been created and that the Danish draught horse to-day is a valuable animal. These Associations have for a number of years devoted much attention to the question of breeding and selecting brood mares and at the various agricultural Shows and exhibitions some remarkable horses may be seen which may easily compete with the best draught horses in many other countries. In the year 1904 a Breed Association under the name of *Sjælland* was founded for the purpose of promoting the breeding of *Half Blood*, and marked results can be shown. The well-known Frederiksberg Stallion Depot a very old institution embracing all the Danish Islands has a fairly large number of members enjoys State subvention, and arranges every year for a series of courses where the young farmers can learn how to breed and treat light horses.

Spread all over the country a number of Horse Breeders' Associations are doing much good to encourage the interest in this animal. Thus there is an Association of Breeders of the Belgian heavy horse with branch associations in every island and on Jutland. There is one Society for promoting the breeding of Thoroughbreds and another for the breeding of Hackneys.

Breed Centres for pigs are arranged all over the country and their chief business is the creation of a national pig breed possessing robustness ability to obtain a precisely fixed live weight at a fixed date, ability to fully utilise the feed, and of high fecundity, but alongside the rational development of such a National Landrace pig, these breed centres also work for the development and maintaining of the Large White Yorkshire race from which boars are utilised for crossing with the Danish Landrace pig. As already stated uniformity in breeding is one of the great assets in Danish live stock breeding and these Breed Centres have demonstrated and will continue to prove to all the world what can be done in the direction of organization of breeding.

The Danish goat is lately coming to the forefront and several breed Centres have been organised for the breeding of Saanen goats as well as goats of the Danish landrace. These various centres—among which should be mentioned such as Faarup, Norrebro near Manbo and Odense for Saanen goats, and at Slagelse H. Broby and Spanghuset near Skive for Danish landrace—are also working for the export of prominent breed animals.

Cattle breeding in Denmark is chiefly concerned with the steady development of the indigenous cattle races. There is a number of these Associations which work for the development of the inherent good qualities in these breeds and among them the following should be mentioned:

Fredericia Kredsens Kvægavl's Fællesledelse	Fredericia
Horsens " " "	Horsens
Slangerup " " "	Slangerup

Torring Kredsens Kvægavl's Fællesledelse	Torring
Randers	Randers
Brædstrupegnens	Brædstrup
Aarhus Amt	Aarhus
Samsø Landboforening	Samsø
Kolding Kredsens	Kolding
Vest Jyske Land	Esbyerg
Midt Jyske Land	
boforeningers	Ribe
Himmerlands Foreningers	
Hjørring Amt	Hjørring
Thisted Amt	Thisted
Viborg Amt	Ringkjøbing
Ringkøb ng Amt	Varde
Sønder Jyske Shorthorn	
Vest-Slesvigs	Odense
Hollands Malkevaeg	
Foreningen Jersey	Løslund
	Brorup
	Aalborg
for Sort Broget Jydsk Kvæg	Copenhagen
Kvægavl's Foreningerne paa Sjælland og Bornholm	
København's Amts Kvægavl's Forening	
Frederiksborg	Frederiksborg
Holbeck " "	Holbeck
Soro	Soro
Kallundborg Omegns Kvægavl's Forening	
Midt-Sjællands " "	Slagelse
Præsto Amts " "	Præsto
Næstveds Kvægavl's Forbund	
Bornholms Amts Kvægavl's Forening	Steg
Langelands " "	Rudkjøbing
Lolland Falsters " "	Falster
Sammensluttede Sjællands Kontrol Forening	Slagelse
Bornholms " "	Ronne
Samvirkende Lolland Falsters " "	Falster

Obviously, in a country flat as a pancake, with no forests and very little natural pastures where every inch of land is cultivated and where milk production and pig breeding dominate all other agricultural pursuits there is little room for sheep breeding. There is however, a central organisation in existence dealing with the various smaller Sheep Breeders Societies chiefly in the island of Fyn.

For the purpose of developing Denmark's export trade in live stock and live stock products several large organisations exist, the memberships of which seem steadily increasing. Among the most prominent the following should be mentioned:

	Members
Export Foreningen "Nordby"	600
Syddby	1263
Morsø Kreaturkskole Forening	1080
Ydby og Omegns Forening	142
Skive Andels " "	1800
Nordall ng Andels " "	134
Vest Jydsk Eksport " "	4000
Viborg Kreaturs Eksport " "	550
Randers og Omegns Eksport Forening	650
Nord Jydsk Andels Eksport Forening	2500
Aarhus Andels Selkabs Eksport Selskab	600
Syd Jydsk Kreaturs Eksport Forening	1240
Fyns Stuts Andels Kreaturs Eksport Forening	1300
Lolland Falsters " "	853
Holbeck Amts " "	300
Vest-Sjællands " "	700
Midt-Sjællands " "	310
Røddegnens " "	1000
Sammensluttede Danske Andels Kreaturs Eksport Forening	
Århus Amtens Selskab (a Central Organisation of 12 Export Associations)	
Danish Breeders of Pedigree Landrace Dairy Cattle	700

	Members.
Salgs Foreningen "Fyn"—Thoderup Suldbyerg, Importers of Pedigree Live Stock.	278
Association for Purchase and Import of Live Stock for "Middelfart og Omegns Hoved Kreds af Fynske Husmands Foreninger"—Salvang Blanke.	310
Syd-Fynske Opdrætters Salgs Forening—Brudager, Sortebro.	200
Vest-Fyns Salgs Forening—Gildeboe, Gelsted.	100

Poultry breeding in Denmark is highly developed. The very large organisation known as "Danmarks Fjerkræ-Avler Forening" is an amalgamation of a number of Poultry Breeders' Associations, its object being to promote the production of table birds and eggs.

Its tentacles stretch all over the country, and its activities are very large as witnessed by enormously increasing figures for egg export to England and elsewhere. The Association is under the protection of the Queen and members are drawn from all classes of the nation.

Live Stock Insurance is highly developed and well catered for through a number of co-operative live stock breeders' Associations spread all over the country. It is, however, evident that sufficient attention is not given to the matter of stock insurance.

Prominent Breeders.

DANISH CATTLE

Aagaard, Hjalmar, Sølunge Hede Ringe F	Red Landrace	Dam, Jens, St. Spærggaard, Østerlars, B	Red Landrace
Aagaard K. Røistegaard Langskov F		Detleisen, With, Ladegaard Højer	
Aagaard, M., Vejerlyst Thorso	Black White Jutland	Dissing, J., Hvidberggaard Løgstrup	Black White Jutland
Aarsup Enke, J., Kallestrup Hyam		Egelund, Hans, Kællerup, Lunde, F	Red Landrace
Andersgaard Jens, Vestergaard Pedsted J	Dairy Shorthorn	Eniksen, Knud, Korbustad, Ringe, F	
Andersen A. Skovbølling Fredsted J	Red Landrace	Eskesen, Anders, Ales Tvillingrup	Black White Jutland
Andersen A. Søgaard Højby S		Fink, Johan, Gammeby Vejen J	Red Landrace
Andersen A., Torslevgaard, O. Torslev	Black White Jutland	Fisker, Chr., Engshavegaard, Galten, Hadsten, J	" "
Andersen Anders, O. Lunde, Lunde F	Red Landrace	Fisker, N. A., Højvang Hadsberg Hadsen	" "
Andersen, Christoffer, Korbjerggaard, Roskilde S		Fogh, Olaf, Ormslev	
Andersen, Carl, Enstedte Fredsted J		Frandsen, John, Holmgård Havrebjerg, S	Red Landrace
Andersen H. P., Rørup Tofthund	Dairy Shorthorn	Frandsen, Chr., Enggaard, Gudum, Slagelse, S	" "
Andersen Hans Kathrinevejst Langemark Samsø J	Red Landrace	Frederiksen, Alb., V. Lunde, Lunde, F	" "
Andersen, M. Bøgeskov Hedegaard Asserup	Black White Jutland	Fredslund, Alk. Sarslev, Starrekindt, S	" "
Andersen, N. H., Luggaard, Asmundrup S	Red Landrace	From, Jens Rørkar, Haderslev	Dairy Shorthorn
Andersen, Ole P., Karby Asperup F		Geertsen H., Kongsted, Fredericia, J	Red Landrace
Andersen, P. Villemoes, Skovgaard Brænde S		Giversen, Anders, Skals	Black White Jutland
Andersen Peder Tystrup Fuglebjerg S		Gram, Jørgen, Gåbøl	Dairy Shorthorn
Andersen, Poul, Ambæk, Præsto S		Goul, Jacob, Otting, Balling	" "
Andersen, R. Chr. Holmegaard Beldringe F		Goul, L. P., Grove, Balling	" "
Andersen, Søren, Vindstrup Fuglebjerg S		Goul, Peter, Vinde Vestergaard, Skive	" "
Andersen Steffen Nr. Højrup Skamby F		Groth, P., Peter Terp, Øster Lindet	" "
Antonsen kold Ravung, J.		Haahr, Peter, Jandrup	" "
Appel, Jacob, Damhøi Askov Vejen, J	Dairy Shorthorn	Hansen, Andreas, Elkenør, Sdr. Orsted, L.L.	Red Landrace
Arnbjerg Søren Sørensen, Ole Nordenskov	Red Landrace	Hansen, Prd., Eskely Eskildstrup, Pedersstrup, T	" "
Basdalager N. J., Sandbaksgaard, Hellested, S		Hansen, Chr., Dyrelund, Ringe, F	" "
Baerly, S.	Dairy Shorthorn	Hansen, Chr., Pedersstrup, Lou, S	" "
Banggaard Niels Fr. Næssing, Hørdum		Hansen, Ferd., Elmegaard, Ruds Vedby, S	" "
Basarstrøm, R. Balling		Hansen, Ferd., Nakke, Nykøbing, S	" "
Bay, Niels J., Rørback Sakskøbing, L. F	Red Landrace	Hansen, Fr., Damgaard Ryslinge, F	" "
Bech, P. H. Mørke	Black White Jutland	Hansen, H., Klejsgaard, Gramrode J	" "
Bech, J. A., Krussemunde, Korsør, S	Red Landrace	Hansen H., Nordgaard Lumbås, Nykøbing, S	" "
Bendtsen, B. L., Næsbjyved Broby, F		Hansen, H., Toftgaard, Lumbås, Nykøbing, S	" "
Bendtsen, Bendt, Alsted, Næsbjyved Broby, F		Hansen, H. H., Kohagegaard, Voldstrup, Rudme, F	" "
Bendtsen Carl Hjørnegård, Lunde F		Hansen, H. M., Kallhave, Uldum J	" "
Bendtsen, H. Kartholm, Aaby, F		Hansen, H. P., Bryderupgaard Helsing, S	" "
Bilde, N. Voldby	Black White Jutland	Hansen H. P., Fuglesgaard, Pedersstrup, F.	" "
Björk, H. Karl, Ole Horsens		Hansen, H. P., Gøst, F.	" "
Björk, Jakob, Idmøndal, Høstebro		Hansen H. P., Sdr. Esterbille, Veflinge, F	" "
Björregaard, O., Elkenør, Sdr. Orsted, L. F	Red Landrace	Hansen Hans, Dysted Ølstrup S	" "
Boel, P. Jørgensen Bølsgaard, Gredstedbro	Dairy Shorthorn	Hansen, Hans, Mæsgaard, Ryslinge, F	" "
Borg, Knud Knudsen, Lille Skovgaard Vejen, J	Red Landrace	Hansen, Hans, Næsbjyved Broby	" "
Borup, D. Højgaard, Alstrup F		Hansen, Hans, O., Torslevgaard, Næsbjerg	Dairy Shorthorn
Brandt, P. G. Skovly, Alstrup Tranerbjerg J		Hansen, Hans, Chr., Vestervang, Næsbjerg	" "
Brandt, L., Tønnerup, Karby, L. F		Hansen, Herluf, Rusegaard, Østermark, B	Red Landrace
Branth, W. Juellunge, Kamse S		Hansen, Jens O., Stenseby, Bodisker, B	" "
Branth, N. Tunde Landboskole, Taastrup, S		Hansen, Jørg, Sønderupgaard Korup F	" "
Brock, Jens, Uddelgaard, Rube	Dairy Shorthorn	Hansen, Knud, Svendborg	" "
Brock, P., Vilsby Gredstedbro		Hansen, Kr., Højgaard Ringe, F	" "
Buch Enke J. P. Møllegaard Bredsten, Veje	Red Landrace	Hansen, Laur, Kurely, Kong, Lundby, S	" "
Buhl, Hans, Ljkebjerg Børkop, J		Hansen, M., Dongsgaard Gudme, F	" "
Bundgaard, Poul, Nørstamunde, Pjæsted, J		Hansen, Morten, Østergaard F	Dairy Shorthorn
Burgard Jørgen, Børgaard, Bålum	Dairy Shorthorn	Hansen, Morten, Verrupgaard F	Red Landrace
Busk, Andersen, Fgby, Lille Skensved, S	" "	Hansen, N. Bjerregaard, Højvang Bjerregaard, J	" "
Busk Andersen Sørbymarie, Slagelse, S	Red Landrace	Hansen, N. M., Evetofte Melby, S	" "
Carlén, H., Højberggaard, Rønninge, Langskov, F		Hansen, Niels Solbakken, Tude, Røskilde, S	" "
Christensen, Chr., Hyldegaard Helsing, S		Hansen, P., Bakkegaard, Lumbås, Nykøbing, S	" "
Christensen, Chr., Skyde, Outrup	Dairy Shorthorn	Hansen, P., Borgegaard, Nakke, Nykøbing, S	" "
Christensen, Chr., Vium Thinggaard, Jebjerg		Hansen, Peder, Nr. Højrup, Skamby, F	" "
Christensen, Chr. H., Graa Mølle, Lystrup J	Red Landrace	Hansen, Peder, Møllerup, Østerslev, F.	" "
Christensen Chr. L. Svinøgaard, Venderup, Varde	Dairy Shorthorn	Hansen, S., Hovdavn, Hørup J	" "
Christensen, Hans, Vindstrup, Fuglebjerg S	Red Landrace	Hansen, S., Hovdavn, Hørup J	" "
Christensen Marius, Fugting Damsgaard, Thorso	Black White Jutland	Hansen, S., Hovdavn, Hørup J	" "
Christensen, And. Lachavegaard Rønninge J	Red Landrace	Hansen, Vith, Enkerup, Ringsted S	" "
Christensen, Chr. O., Solvanggaard Lunde, J.	Dairy Shorthorn	Haskerulle, Jac., Eskildstrup, I. edersrup, F	" "
Christensen, G. Tønderup, Ølstrup, S	Red Landrace	Hartvigsen, Chr., Almgård, Fredericia, J	Black White Jutland
Christensen, Knud Højrup, Skamby, F		Hartvigsen, Chr., Almgård, Fredericia, J	Dairy Shorthorn
Christensen, R., Hørkelt, Ringe J	" "	Herrnberg, Chr., Gulbak, Outrup	" "
Christensen, R., Østergaard Pedersstrup, F.		Herrnken, A., Sirenskjær, Hørkop, J	Red Landrace
Christensen Th. I. Hørkelt, Lunde, J.		Herrnken, H., Høe, Lægbyhus	Black White Jutland
Christensen H. P., Hømmersgaard Hørbay, S		Herrnken, Chr., Stroustrup, Høstebro	Red Landrace
Christensen J., Hørbay, Vægebo, L. F		Herrnken, Otto, Brande Vestermark, Brande, J	Black White Jutland
Christensen J., Sølling Hadsen	Black White Jutland	Herrnken I., Gammebygaard, Nr. Nebel	Dairy Shorthorn

PROMINENT BREEDERS (cont.)

GOVERNMENT APPROVED STUD CENTRES FOR BREEDING OF DANISH LANDRACE AND LARGE WHITE YORKSHIRE PIGS (cont.)

Rosager C. Berg
Røjter G.
Samt T.
Schmidt C. A.
Simonsen P.
Skjottengen Chr.
Søde F.
Sonne Ad.
Sørensen H.

Sverholm Sulsted
Csurup Overgaard Bedsted
Svendbjerg Høve
Lundgaard Brorup
Hagelbergsgaarden Ringsted
Gjølholmgaard Horn
Drudegaard Nyker
Risegaard Aaker
Fæborg Varde

Sørensen S. Qvist
Sørensen Søren P.
Thomsen P.
Thureby Høge Landbolforenings
Forsiggsgaard
Torp V.
Østergaard A.
Østergaard J. Chr.

Horsdalgaard Børkop
Stenbjerggaard Jelling
Stengard Tikøb
Køge
Tøndering Durup
Mariesmøde Ebeltoft
Tøds Nykøbing M.

DANISH JUTLAND HORSE

Ahlmann Lorentzen
Anersen J. Møller
Andersen P. M.
Andersen, Vald
Bach S.
Bargum Carl
Bech Aage
Boe Hans
Bous Knud
Christensen Andr. A.
Christiansen C. G.
Clausen R.
Gammeltoft Edgar
Gammeltoft Ejnar
Hansen H. A.
Hansen H. L.
Hansen H. P.
Hansen P.
Hansen Chr.
Holt F.
Hvass S.
Høst H. G.
Jensen And.
Jensen Hans
Jensen J. Chr.
Jensen Jens Poulsen
Jensen Johs.
Jensen Kr.
Jensen Mads
Jensen N.
Karlsbøj R.
Kirkegaard Hans Nielsen
Kjeldsen Carl
Kjær Chr.
Kjær F.
Kjærgaard Th.
Knudsen Knud
Korsgaard Kr.
Lange H.
Larsen Carl
Larsen Marius
Larsen, Søren H.
Laud Ester
Laursen Ole
Nielsen Aage
Nielsen A.
Nielsen S. F. V.
Nielsen S. A.
Nielsen N.
Nielsen Th.
Overgaard H.
Pate Jens
Petersen H. P.
Petersen Jens
Petersen Johs.
Petersen Laurrup
Platon Hallemund O. Cont.
Rasmussen Chr.
Rasmussen
Schelle N.
Skov Hans
Skov H.
Skovsager Niels
Stoltz
Vandergaard N.
Vandergaard, Hird

Langholt Langholt
Lundgaard Døstrup
Løngård, Anlum
Lundtang Lunde J.
Rødved Kjærgaard Lundum
Høgholt Rabsted
Løgsgaarden Hjørring
Turup, Turup
Mølbjerg Nibe
Højel Rabsted
Nr. Kornum, Brønderslev
Rebøl Bolderslev
Vandgaard Varde
Gammeltoftgaard Hanne
Kjærbyholm Nr. Aaby
Vrigstedgaard Vrigsted
Bakkjergaard, Laurbjerg
Vestergaard Højby F.
Røddrup Randers
Elum Løgumkloster
Lesagergaard Lerbjerg
Vadsholt Ulsted
Nørager Nørager
Lindgaard Ørting
Trankjær Vesterby
Østergaard Højby F.
Thustrup Toustrup
Kirkelær Høbo
Skjoldborg, Ålbund
Kirkgaard Ugehus
Marthøj Storehed aage
Stenderup Krogerup
Vejby Kist Skov
Ålsmgaard Stenderup
Færø Færø
Kjærgaard, Vesterby
Tankedal Ribe
Sand Vesterholm Ulfborg
Røddrup, Randers
Tandrup Aars
Gaden Størup Brønderslev
Langheden Agersted
Studegaard, Skude
Maarslet Maarslet
Kjærgaarden Aals
Vom ngegaard Ouskl
Bil skov Aarup
Højby Højby
Daler Østerby Daler
Sparreton Nr. Aaby
Hadjbjerggaard Haddes
Åsmusgaard Lystrup
Pavegaard, Egenne
Toustrup, Lystrup
Vesterby Gønder
Tougaard, Aabyhøj
Travsted, Jepsen
Hilgaard Ulsted
Crosby Lyng
Vejerslev Mølle Vilsa
Nørbo Vesterby
Skovgaard, Hammelev
Skovsmøde Gynter
Vibbe Hedegaard Viby
St. Østerbaas Hattling
Lørdgaard Viby
Christiansbøj Brorup

Sørensen Knud
Sørensen Knud
Sørensen Kr.
Teisen V.
Thomsen Th.
Tranbjerg Carl
Vadgaard K. M.
Vadgaard P.
Wulther Poul
Østergaard Chr.

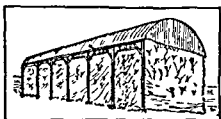
Holsholt Vejle
Solbjerg Hørring
Olling, S. g.
Åsmusgaard Skanderborg
Vatten Hørring
Agershøgaard Ølgod
Vesterby Ø. Torslev
Stenkl Høbo
Mølleholm Randers
Vestborg Flade

NOTE—B indicates Island of Bornholm

F Fyn
L F Lolland
S Sjælland
J Peninsular Jutland

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COVERED YARDS, CART SHEDS, CATTLE SHEDS, &c.



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Livestock Breeding in Estonia.

Although the total area of Estonia is only about 18,362 square miles of which a proximately 41% represents meadows and pasturage, the number of livestock is relatively high—599,100 head of cattle, 333,100 pigs, 665,900 sheep and nearly 226,300 horses. Agriculture and cattle breeding are the mainstay of the population and splendid cattle have been reared for centuries by the farmers who are enterprising and born live-stock men. The explanation probably lies in the circumstance that agriculture and cattle breeding have been conducted since mediæval times on West-European lines, and persevered on these lines also through the period of Russian rule under which Estonia passed from Sweden in 1721. Estonia regained her independence in 1918 and has since made great strides in the development of her economic life. The capital, Tallinn, formerly known as Reval, is the chief port of Estonia, from which regular steamship lines with England are maintained.

Estonia seems to forge ahead as a dairy country, where the co-operative spirit has permeated the whole population so that the production of milk is subject to a very active control in regard to feeding and performances, and it is stated that the 200 or more milk producers co-operative Societies have during the last ten years succeeded in weeding out between 27% and 30% of all less valuable dairy cattle, not a mean achievement indeed in a country that suffered very cruelly through the devastating war. In the year 1908 the first Milk Producers' Co-operative Society was formed and Estonia's milk production increases year after year. Surprisingly large quantities are to-day handled in

the Estonian dairies, and there is no exaggeration in stating that Estonia dairy products rank among the best all the world over. The following number of Breeders' Societies is a sufficient testimonial to the high degree of development to which the farmers have reached, entirely through their own efforts and co-operation between high and low, rich and poor.

Among the forces contributing to the development of agriculture, the "Estonian Society for the development of Agriculture" should be specially mentioned, a very live Association of Estonian farmers and breeders, wide awake to the fact that only through the production of agricultural produce of unquestionably high quality is it possible for the farmers to obtain top prices for their products in the world markets where to-day the inscription "Pure Estonian Butter," etc., and "Under Government Control" are guarantees of the value of so labelled produce.

Not only do the Estonians breed valuable Landrace cattle, but their sheep and pigs are productive animals, and everything points towards Estonia rapidly creating a bacon industry. The pig stock is being graded up, and products, such as bacon and pork owing to the good qualities have received a ready market in England and Sweden. As a poultry producer, Estonia has likewise made good strides during the last few years, and the poultry stock is being improved in every direction. Live stock breeders desirous of entering into contact with Estonian stock breeders can best do so through the various Societies of breeders mentioned hereunder.

Prominent Breeders.

Academic Veterinary Society (Akadeemiline Loomaarstiteaduse Selts) The University, Tartu	
Albu Ayshire Cattle Breeders (Albu, Ayshire- Looma le hõlväetuse Ühing) Allu	Ayshire Cattle Landrace "
Anveldi, Juri, Koo "	
Asukala Association for Cattle Breeding (Asukala Loomakasvatuse Ühing), Haapsalu	" "
Association for Breeding Angler Cattle (Angluma Angleri Karjakasvatamise Selts), Tartu	" "
Association of Estonian Land Race Cattle Breeders (Eesti Maarakja Hõlväetuse Selts) Tartu-Jaanküla	Landrace "
Association of Estonian Cattle Breeding (Eestimeeliste ja Toorkarja hõlväetajate Selts) Tartu	" "
Association for Poultry and Small Stock Poultry in the Province of Saare (Väikeloomakasvatuse ja Linnuloomakasvatuse Ühing), Kuusla 1an 10.	

Audru's Association of Cattle Breeders (Audru	Landrace Cattle
Loomakavastute Ühingu), Pärnu	
Audru rignimise Ühingu	Friesian "
Böckeri Ld. Haudreku talu Põrkoma	Angle "
Eesti Ardeni O'U, Aspere m. Aspere	Ardenne Horses
Leiti Ardeni Kasvatuse O'U, 1 tuumanni	Angle Cattle
maisu Puurmanni	
Erdeli P. Roope as Tõrva	" "
Eesti Seemneühis Ühingu Jõgeva	" "
Ardeni, Asperimäe as. Ayrshire	Cattle-Ayrshire
Breeders (Eesti Ayrshire karja kasvata	
jate Selts), Tallinn	
Estonian Association of Dutch Friesian Cattle	Friesian "
Breeders (1. Eesti Hollandi Friesi karja	
kasvatajate Selts) Viimsi talu 7 Tallinn	
Estonian Private Association of Anglo Cattle	Angle "
Breeders (1. Eesti Angeri harjakasvatajate	
1 raumingu) Looeluse talu 2 a 1. Eesti	
Estonian Veterinary Society (Eesti Loomaars-	
tute Selts) Viimsi talu 7, Tallinn	
Grünwaldi, A. Tringi m. Vao v. Väike-	Angle
Määrja	
Grönfälti, J. Tuoni t. Kirepi v. Elva	" "

PROMINENT BREEDERS (contd)

Hansen Johan Parivere talu Are	Landrace Cattle	Mohakatsi religioos • Mohakatsi	Anole Catti
Hansen Joh k. suure talu l at vere talu Are	Land race Pigs	Mohakatsi riig mõ • Mohakatsi	Sheppsh re Sheep
Härpe K. ümru Voolja	Friesian Cattle	M iskat liige mõis Mohakatsi	Large Wh • Yorkshire Pigs
Härpe K. Helsingim Tamala		Mann k J Va sata	
Helleme Association for Development of	Poultry	Osmöö • Ovu	Large White to Yorkshre Pigs
Poultry Breeding and Small Stock (Helleme)		Ostung B J Amlas Viini	Friesan Cattle
Väike Ja Sulgloomakasvatuse Seltsi		Ottar, G. Kuste v Tartu	Arlinn Horse
Tõrva		Pood Th To Sojat Turi	Friesan Cattle
Jaanson Loo Are	Landrace Cattle	Praks J Tikka talu hahala	
Jaanson Orut Heimatalu		Prints Jaan Jarielija Are	Lamira e Cattle
Jakk I Püla	Friesan	Purila karjakasvatus kool Hagud	Landrace Pigs
Johanson R Väike hareda m hoigi v	Angle	Puurmann mõs Jõgeva	Large White to Yorkshre Pigs
Järva hahala		Rauk M Vakina Khabala v Võhma	Ang Cattle
Järvepool H. laru luha t Imavere v		Rauk M. Toimet k. la	Friesan Cattle
Jõgi J. Jõrga talu Talvere	Large White Yorkshire Pigs	Rnri Ado Kurgela Le Vantra Rõusa	Landrace Cattle
Kalm Joh Joora talu Tab vere	Landrace Cattle	Saants August suome vere Räpu koo	
Kastre n gümõ s	Large White to Yorkshire Pigs	Sangaste riigi mõs Sangaste	Friesian Cattle
Kastre n gümõ s	Friesian Cattle	Sauga mõs J. Arnu	
Kehina n gümõ s Arava		Sihv Gustav Soomevere Lindi koo	Landrace Cattle
Kehina n gümõ s Arava		Sin M Luha Are	
Kello Jd Lusumit kultiv Äru Jakobu	Oxford Sheep	Sind Mazharzorg O U Sallim Sind	Angle Cattle
Kudori J Lakset Rõpa n	Angle Cattle	Särevere mõs J. Turi	Friesan Cat le
K. rishbaum G hannküse t Päri v.		Särevere riigimõs Turi	Large White to Yorkshire Pigs
Ljandi		Sõmerpalu n gümõs Sõmerpalu	Angle Cattle
Klettenberg M Ennoke t, Päristi v		Tori Hobuskasvatuse Tori	Tori Horses
Ljandi		Unger Stenberg Li va m Silla	Friesian Cattle
Kollaja Pellutookool Kuusavare	Large White Yorkshire Pigs	Vaher J Railt v Ljandi v Ljandi	
Kuremaa karjakasvatuse Jõgeva	Angle Cattle	Vain H Toscut Tarvastu v Tarvastu	
Kuremaa karjakasvatuse kool Jõgeva	Large White Yorkshire Pigs	Vaidmann M Ann t. koo v Võhma	Large White Yorkshire Pigs
kuus ku n gümõ s Rapla	Friesian Cattle	Vana Antslia riigimõs Antsla	Angle Cattle
Kuus ku n gümõ s Rapla	Shropshire sheep	Vahi kool talu Kaad mõs Tartu	Angle Cattle
Kuusku n gümõs, Rapla	Yorkshire sheep	Vana võ lu lu mõs J. Jandi	Large White to Yorksbure Pigs
Laksberg K. Tuuneli Puistu	Large White Yorkshire Pigs	Vana võ pu puigtoomõs mõs Anni t. Rõov	Angle Cattle
Läng Mart, Soomerere koo Võhma	Ang e Cattle	Viljandi	
Leemetart Karl Langstare Tai	Estonian Cattle	Vijands riigimõs Vijandi	Friesian Cattle
Le k H. Usman O Tammasilma v Ljandi	Angle Cattle	Vijlands Association for Development of	
Luuma mõs Eesti Seenuja ilja Chibus	Friesian Cattle	Poultry and Live Stock Breeding	
Luuma		Vijland Vä ke Ja Sulgloomakasvatuse	
Maedeli B. Ldena st Ve järvie v Koeru	Angle Cattle	Seltsi v Ljandi	
Mann J. Jõrga talu	Angle Cattle	Virkist H Purula mõs J uru	Landrace Cattle

<p>POUR L'ÉLEVAGE DE RACE PURE</p>	<p>POUR LES AMÉLIORATIONS</p>	<p>POUR LES CROISEMENTS</p>
<h1>LE GRAND YORKSHIRE BLANC.</h1>		
<p>TOUJOURS SUPRÊME COMME RACEUR</p>		<p>TOUJOURS INÉGALÉ COMME AMÉLIORATEUR</p>
<h2>LES GRANDS YORKSHIRE BLANCS WOODBOROUGH.</h2>		
<p>MM les Éleveurs de passage en Angleterre sont invités à venir voir le troupeau sur place</p>	<p>Envoi sur demande de tous renseignements Prix, Pedigrees, Photos.</p> <p>Frère de s'adresser à</p>	<p>Les porcheries Woodborough se trouvent près de Devizes dans le Comté de Wiltshire Angleterre</p>
<p>G D LISTER c/o " International Directory of Pedigree Stock Breeders 23 Fleet Street, London E.C.3</p>		

Livestock Breeding in Finland.

By J JYSKE, General Secretary, Central Organization of Finland's Agricultural Associations

The Live Stock estimate for Finland states : cattle 1,866,000, sheep 1,552,000, pigs 383,000, horses 400,000.

Finland comprises some 33 000,000 ha of which 2 132 000 ha under plough and 580,000 ha pastures. Arable land thus comprises six per cent of the total area. Of this arable land, 37.2% produces cereals, 4.2% potatoes and roots, 40.4% grass and clover, and 2.6% other varieties of produce, while the remaining percentage is fallow, etc. Of the total area, forest covers 73.5% or 7.4 ha per inhabitant. The population of Finland was in 1925, 3 495,186, of which 83.2% lived in the country and 16.8% were town dwellers. The number of farms is 250,749, of which 96 474 have an area of 0.5-3 ha, 98 258, 3-10 ha; 41,199, 10-25 ha, 11 125, 25-50 ha, 2,136, 50-100 ha, and 937 100 ha or more arable land. It will thus be seen that Finland is a land of small cultivators.

The Co operative movement in Finland is highly developed. Thus in 1926 there were —

	Member- ship	Turnover	Finnish Marks
Co operative Dairies	554,	52 493,	567 000 000
Co operative Trade Societies	587,	371 038,	2 199 000 000
Loan Societies	1 041,	77 925, loans granted	123 000 000
Other Co-operative Societies	777		

The Co operative Dairies are managed by a Central Organisation, and the Loan Societies are likewise under a central management while egg producers, butter makers, and general trading in cattle, pigs, sheep, meat and bacon are all under organised management. Agricultural machinery, fertilizers, manure and forest products are also handled by special organisations.

During 1925 Finland produced nearly 13 million kilos of butter, and 3½ million kilos of cheese, and exported paper, timber and pulp of a total value of 4 548 000 000 Finn-Marks.

Fertilizers and cattle food were imported into

Finland in 1910 in quantities of 37 and 80 million kilos resp., and during 1926, 162 and 178 mill resp. From which figures it will be seen that Agriculture and Live Stock Breeding are steadily developing.

Agricultural Education is improving. Thus there are now 40 Agricultural Schools, 35 Schools for Live Stock Breeding, 3 Schools for Dairying, 1 for Horse Management, 4 for Forestry, 5 for Gardening, 6 for Agricultural Survey, 1 Higher Institute for Live Stock Breeding and one such for Gardening. Domestic Science is the topic in 34 Schools.

There is a number of agricultural Associations and Societies which between them permanently engage from 800 900 instructors and teachers.

The following Societies should be mentioned

Association of Breeders of North Finnish Cattle	at Rovaniemi
Association of Breeders of West Finnish Cattle	" Tampere
Association of Breeders of East Finnish Cattle	" Kuopio
Finnish Ayrshire Cattle Breeders Association	" Helsinki
Finnish Pig Breeders Association	" Kangasala
Finnish Sheep and Goat Breeders Association	" Helsinki
Finnish Horse Breeders Association	" Hämeenlinna
Finnish Poultry Breeders Association	" Turku
Kuopio Agriculturists Association	" Helsinki
Agricultural Societies	" "
Central Organisation of Finland's Agricultural Societies	" "

There are now 543 Milk Control Associations embracing 11,000 Herds of a total of 159,250 head of cattle. The average production per cow in 1926 was 2,427 kilos of milk and 96 kilos of butter fat. The milk is generally very fat, from 4.4-5 per cent.

During 1926, 619 Bull Societies with 8,443 members, owners of 43 009 cows, were in operation. The Finnish farmers have organised their various activities in several hundred local Associations, all of which are controlled by "The Agricultural Producers Central Organisation".

The chief journals catering for the interests of the farmer are the "Journal for Cattle Breeding" and the Finnish Agricultural Society's Publication.

When you want to Buy	-	-	See Pages	-	XIV.-XVIII.
Wenn Sie Kaufen Wollen	-	-	Sehe Seite	-	XIV.-XVIII.
Quercis Comprar	-	-	Vide Pag.	-	XIV.-XVIII.
Si Descais Comprar	-	-	Ved Las Pag.	-	XIV.-XVIII.
Quand Vous Voulez acheter	-	-	Voir Pag.	-	XIV.-XVIII.

Pig Breeding.

By A. SOLOKANGAS

Since the war strenuous efforts have been exercised for the improvement of pig breeding and the development of the native race. The work is only progressing very slowly and the annual pork production is round about 10 kilos per inhabitant—35 000 000 kilos pork products. The annual imports of American bacon reach some 2 000 000 kilos but are steadily decreasing. Improvements in the breeding industry are chiefly in favour of the Yorkshire type which has been encouraged in Finland during the last 30 years based upon direct imports from England or from Sweden, Denmark and Norway and of the native race both types being suitable for the requirements of the country. The native Landrace pig is hardy, prolific and remarkable for its tender care of the progeny. The colour is white, the head long, drawn and narrow, and the body rather flat and very deep, closely covered by rough hair. It develops more slowly than the Yorkshire cross but at the age of 6 or 7 months it easily reaches a live weight of 100 kilos. Well catered for the Finnish Landrace pig is an excellent pig for the small farmer producing that class of meat which is preferred by the people.

The Yorkshire pigs already highly developed have proved the most suitable for Finnish conditions, being splendid mothers with large litters. To-day the Yorkshire pig is mostly found in the south-western and southern parts of the country owing to the circumstance that there is an abundance of skim milk always available at the existing dairies. In these parts of the country pig breeding is carried on for the purpose of catering for the export market chiefly in Sweden.

In the year 1908 the Association of Finnish Pig Breeders was founded embracing the whole country. Pig breeding centres have been established all over the country and there are to-day 11 such for breeding

the pure bred Landrace pig and 22 for breeding the Yorkshire pig. These Breed Centres are under strict supervision of breed experts and some 700 breed animals are annually produced and sold all over the country. The ability to produce large litters is given special attention and the daily increase in the live weight of the young pigs while still suckling is also controlled.

The Finnish Pig Breeders' Stud Book is kept at Kangasala where both the Landrace pig and the Yorkshire pig entries are recorded. As indispensable conditions for entry it is required that the animal is normally developed, one year old, that it has at least 12 teats and that it has produced at least one litter of which 8 must be alive. As regards the Landrace pig, it is not stipulated that its origin shall be certified while for the Yorkshire pig Pedigree must be proved. So far this Herd Book has been issued in 3 volumes of which the last contains 595 entries of Landrace pigs and 1310 of Yorkshires.

Pig breeding control has proved immensely beneficial for the industry. The main point in the supervision aims at comparison between the Landrace pig and the Yorkshire type with a view of proving food consumption in relation to daily increase in weight. Thus during the years 1926-1927 experiments proved that 1 kilo increase of weight has been produced on 3.2 food units, the average figure for the Yorkshire pig being 3.5 and for the Landrace pig 3.7 units.

It will thus be seen that both these types of pigs have so far proved fairly satisfactory and it may safely be asserted that the interest among farmers for improvements in breeding and development has been maintained. It is therefore to be hoped that the Pig Breeding industry in Finland will steadily progress.

Sheep Breeding

By THE DEPARTMENT OF AGRICULTURE, Helsinki

During recent years great attention has been paid in Finland to the breeding of the native Finnish sheep. Several foreign breeds were introduced in the past but these never thrived in the cold climate of Finland and under conditions obtaining there. An exception however may be made of Shropshire sheep which can be seen to some extent in southern Finland. There are some cross breeds crossed with the native breed but the Landrace sheep constitute the majority.

The Finnish Landrace sheep belongs to the northern (Finnish Scandinavian) short-tailed sheep, the original breed of the Scandinavian countries, Sweden, Norway and Denmark. The colour is black, grey or white but most popular is the white sheep, some 15-20% are black. The head is fine, the muzzle narrow and without wool, the ears long extending right across the head. The tail is short without wool. In best sheep breeding districts—Kainuu, L.

The Finnish sheep is of short stature, the ewes between 55-60 cm and the rams 60-65 cm. Full-grown ewes weigh about 50 kg, rams 60 kg, although a live-weight of 80 kg is often reached. The wool ranges in quality from fine and close to coarse and thin. The yearly production is often from 2.5-3 kg. The fecundity is remarkable, twins more often than not being the

rule. The ewes produce plenty of milk, are good mothers and suckle their lambs well. "The Sheep Breeders' Association" has existed 10 years and records entries of Pedigrees.

The main points on which the Finnish Sheep Breeders concentrate their attention are fecundity, excellent mutton and closeness of the wool.

Horse Breeding.

By E. SIHVOLA

The Finnish horse belongs to the North European forest horse-races, and is related to the native horse in the Baltic Provinces and Poland, thus belonging to a breed which during the world war became celebrated for its remarkable endurance. The Finnish horse, however, is considerably larger in size, measuring 158 cm in height. Probably he represents an intermediary type between the light and the draught horse. His head, ears and neck are not of the fine structure of the light horse, but not so heavy as in the draught horse. The body is heavier and broader, and its depth is remarkable. The live weight of the present day pure-bred horse varies in the same degree as its size. Thus the heaviest horses weigh 550 to 660 kilos. Chest and shoulders are relatively large. The compass of the knee of the stallion is about 34 cms. The length of the fetlock is medium, occasionally rather short. Mane and tail are thick, hair coarse. In the shanks and fetlocks the hair is somewhat long. The colour is usually bay, varying from pink to bay and chestnut, and a dark line on the back is quite common. Other colours, such as black, roan and straw are relatively rare. The foals are generally born in May. In June the grazing time begins, the foals and young horses are turned out on the grass where they stay night and day until autumn. Full-grown horses are kept on pastures when disengaged and receive only one feed in the stable during resting time. This can easily be done as the summer nights in Finland are very light.

The Finnish horse is chiefly used as a cart horse,

and his strength is apparent by stating that he can easily pull the plough to a depth of 20 cm. His temperament is quiet and he is very energetic. As a pack horse over the often bad roads of Finland he shows great endurance, being able to cover 10 km per hour often 90 km in 6 hours.

At the great Exhibition held at Petrograd in 1913 Finnish horses participated and were awarded, in competition with Russian horses, the highest prize for endurance. The lifetime of this horse is remarkably long, more often than not his working days continuing until reaching 18-20 years.

In the year 1907 the "Stud Book for the Finnish Horse" was commenced and to-day the breed is controlled by 19 Stud Book Associations, spread over 19 horse breeding districts, each district being supervised by a Breed director, whose duty it is to advise the small farmer in breeding and supervise the exact entries in the Stud Book. The present horse population in Finland is about 400,000, and a great number is exported to Russia and Sweden. This type of horse has proved the most suitable for the requirements of the country, chiefly in the forests where timber cutting and logging is one of the staple industries of Finland.

The Stud Book is conducted in two different departments, one for the heavier type of draught horse, the other for the lighter type suitable for draught purposes as well as for riding and carriage use. The Finnish Remount Department draws all its requirements of horses exclusively from the Finnish breed.

For Poultry Breeding see page 69 (Poultry Section)

INSURANCE, SEE PAGE XXIII.

Prominent Breeders.

FAST FINNISH CATTLE

Anderson Emil	I & Salli
Alkari Brander	Katze
Engen Abel	I antastimi
Iskel nen H	Hiljakkä
Iskel nen Pekka	Pirkkälänti
Hallberg J J	Ukko
Hallberg h	Pirkko
Hiljälä Aatu	Leppälänti pys
Hiekura M J	Valtimo
Herranen Eero	Hiljakkä
Hirvonen Juho	Liperi
Hirvonen Pekka	Komppala
Hirvonen Pekka	Marttula
Hyytiä Juho	Ahtari
Huonen Tob	Aajakoski
Huuhonen Veli	Syvanemi
Ikaavaho, Antti	Imatra
Jakobson Herman	Nurmestaari pys
Jakobson Juho	Sävi
Jussila Eero	Ahtari
Jääskeläinen Tuomas	Raisila
Kahla Onni	Ahtari
Karttunen Albert	Jorstad
Karttunen Arjo	Jonnu
Katainen Pekka	Mäntylähti pys
Kervola Pys Purnakangas	Paavilainen
Kulpo Antti Vä	I arkonnäki
Kunnunen Juho	Liperi
Kunnunen Paavo	Liperi
Kuusi Juho	Taipaasari
Kuusi Matti	Jaaski
Kosonen A J	Savonlinna
Koskunen Einar	Suovanlahti
Korhonen Veli	Tervo
Koskunen Veli	Taipaasari
Kusma Olli	Inkila
Kurkijoen Koulutla	Karkkio
Kuvaja Anna	Rantakalmi
Kymi O/ö	Juustelbas
Kahala Otto	Suovanlahti
Laitinen Juho	Juoksuvi
Laitinen Paavo	Nurmes
Lappalainen M kko	Liperi
Leinonen Aaro	Alapää
Leinonen Julius	perili karttula
Lumimänen Emil	Suovanlahti
Luostarinen Alpo O	Silvola
Lyrrä A & G	Isalini
Lyytika nen Lijas	Syvanemi
Mäkelä O V	Imatra
Maukonen Paavo E	Syvanemi
Mukki Matti	Imatra
Morri A E	Virtat
Murtola Herman	Ahtari
Mäkelä Kristian	Ahtari
Niemli Kaarlo	Ahtari
Nevalainen Antti	Valtimo
Niskanen Veli	Sotkamo
Nusunen Oskar	Sortavalta
Nusunen Juho	Kuopio
Nykyri Heikki	Jouka
Pankakoski O/Y	Nurmes
Pakarinen Taavi: Perili	Rautalampi
Perilinen Juho perili	Imatra
Perili Samuli	Jouka
Penttinen Matti & Antti	Juoksuvi
Penttonen Juho	Juoksuvi
Pennanen Pekka	Jouka
Puukainen Edernea	Nurmes
Puuvonen Taav	Hankasalmi as
Rätkäinen Auno	Tervo
Rautio Juho	Ahtari
Rouhinen nen Ida Mrs	Raisala
Rouhinen nen Eero	Kuopio
Rydh Onni	Tuohmajärvi
Silvasti Herman	Huoma
Soininen Veli	Mäntylähti pys
Suohonen O	Valtimo
Suohonen A/ho	Nurmes
Suikko Santeri	Nes järvi
Sut nen A E	Komppala
Suttala U V	Ahtari
Tarvanen Koulutla	Saarnjärvi
Tervola Elmar	harttula
Tervonen Matti	Sotkamo
Tilus John	Himanka
Timoenen O V	Liperi
Timoenen Esa Mrs	Nurmes
Toivanen Juho	Nurmes
Tuppurainen Otto	Jamali
Uusikainen Juho	Syvanemi
Uusio Onni	Ahtari
Uusio Mattus	Himankainen
Uusio K. A	Uusio ppi

Anttila
 Koskivikko
 Vaitti la
 Niemela
 Niemijarvi
 Nieminen
 Vuorela
 Vuol koski
 Koonanlampi
 Tuju
 Aapavaara
 Talluskyla
 Toivonen
 Aajastho
 Riutala
 Korvenkyla
 Huusala
 Peranne
 Kurilahti
 Toivonen
 Mattusenlahti
 Mattusenlahti
 Matti
 Ruokolahti
 Leino
 Sakkola
 Hämäläla
 Hannolaple lta
 Kemppeala
 Järvelä
 Sakkola
 Harvakorp
 Parkku
 Juankoski
 Vuolonen
 Hautala
 Salmenkyla
 Roukolahdi
 Naari anlahti
 Ranta
 Purtila
 Makkola
 Viitaa
 Lyytikäla
 Korvenkanta
 Saitta
 Siitola
 Hauhuu
 Peranne
 Vlakoski
 Peranne
 Heikkalahdi
 Otila
 Niemela
 Malitola
 Leskela
 Ruokkaskenkor
 Vanhatalo
 Korvenkyla
 Salokallio
 Vuokko
 Ylik
 Hallinmaki
 Suppunen
 Peranne
 Suriahti
 Poljanalini
 Savisaari
 Sonnila
 Mylly
 Lamsela
 Talaksala
 Aapavaara
 Saattinen
 Lusitalo
 Hovila
 Ruokolahti
 Ylikylä
 Suompiä
 Selananta
 Peranne
 Vuoro
 Nikara

Vänkä Olli
Vänkä Matti
Väänänen I. J.
Lusi Jaakkola Santari

Altoniemi J
Alstalo J
Ahtainen A
Levasto K
Haapaniemi J V
Haapasaaari V
Innala V
Iso Rikkila I
Iso Laita G A
Jaho I
Kantala K
Kauppila J
Kerkko Hannula H
Korpela O L
Kuusaro A K
Kosola V
Laalatti R
Laitila I
Latomaki I
Manninen Velj
Matti A

Ku xjuri
ki htelys
S sinjaryi
Ahtari

WEST FINNISH CATTLE

Hoppu
Ahtalo
Alanne
Pohjola
Haapaniemi
Penttilä
Pastell
Penttilä
Serlachius *O/y*
Reponen
Kantala
Kauppi
Lampinen
Korpela
Kaura
Kosola
Pihkala
Tuomisto
Latomäki
Manninen
Mattila

Sysmä
Keskijärvi
Vilhoja
Vääräkoski

Aitolahhti
Orimattila
Pernio
Luvia
Karkku
Rauma
Lempäälä
Punkalaidun
Mänttä
Jämsä
Saaksmäki
Kuorevesi
Porvoo
Kuorevesi
Kauhajoki
Lapua
Aitolahhti
Hämeenkyrö
Kauhajoki
Ruovesi
Karkkila

NORTH FINNISH WHITE CATTLE

Herrn Otto
Marski Emil
Stelander M F

Kemi
Kemi
Rovaniemi

FINNISH AYRSHIRE CATTLE

Ammon A Estate
 Andersen Olaf
 Antila Yrjö F
 Bask Uno
 Berglund T Aug
 Berglund Erik
 Bergho Rafael
 Björkenheim, Edv
 Björnberg Claes
 Bock Herman
 Borgegård Erik
 Borgström Nils H
 Bittenhoff Emil
 Bittenhoff Fritz
 Lindholm L
 Danielsson Katrina
 Gahnberg Axel
 Lilving H A
 Encheim Alce de Mrs
 Ekenbom J
 Forsten Ragnar
 Frankenhæuser Carl
 Frigen A L
 Fröster Kalle
 Geström Carl
 Gulse M van der Pals
 Grahn Bertel
 Grönroos J L
 Grönqvist Walter
 Haakos O
 Hakola Auk
 Harju Hanna
 Harvalds Gods
 Lausten Erik Rolf
 Heikkilä Bernhard
 Heitmann Berta Mrs
 Hornborg A F
 Hornborg H
 Hotala Matti
 Jokkis Gods A/B
 Julin S von
 Kavalent N
 Karsti Hilda
 Kaasoo Martti
 Le Bell A
 Lindgren Fanny
 Leppes O/T Litost
 Liljeroen Arthur
 Malmström Maunts
 Mattila M
 Möller Oskar
 Näakt L
 Nordin Harald
 Nordenswan H
 Nordenswan T de
 Oberg Augusten
 Oesch Werner
 Oesch Werner

Pekkala	Runnala
Veikkola	Nunnemela
Ala Anttila	Kurikka
Telkkilä	Kouvoila
Ollas	Keski Louja
Sarkk	Kyrkslätt
Oliverby	Perälö as
Ornsberg	Orsmala
Varala	Koria
Karlberg	Salo
Osterströmdom	Malin
Baggby	Raseborg
Konkikka	Viborg
Kakkola	Viborg
Marzeberg	Laiba
Suovala	Laitinen
Danskaby	Jorfas
Stor Nägels	Jorfas
Monnikkala	Turenku
Akylä	Hyvinkää
Kyrnarstö	Vuhti
Kullo	Andersbölö
Aoskela	Villabiti
Servajoki as	
Honjoja	Kaasala
Laxpojo	Lohja
Kaukajärvi	Vehmainen]
Korpella	Viborg
Tuslyborg	Kerava
Nuora	Puikko
Hakola	Semajoki
Härjuna	Kouluaita
Harv aia	O/Y Lahti A/B
Makulla	Lahti
Heikkilä	Kruko
Vaanila	Lohja as
Kotojärvi	Hindhar
Kouvoila Gard	Kouvoila
Keltakorpä	Lapua
Jokioinen	
Sallvik	Fknsä
Jarvans	Sjundeä
Lammala	Alastaro
Suopelto	Kytaja
Myrans	Sjundeä
Enkas	Sockenbacka
Karlano	Littorom
Enkas	Kyrkslätt
Bukkila	Puikko
Mattila	Laiba
Injala	Turenku
Österlänbhti	Vurolahdi
Notsjö	Ujala
Ahlbacka	Parola
Kara	Ruhmaki
Sockes kartano	hoki (T I)
Palo	Szymajarvi
Kyväjärvi	

PROMINENT BREEDERS (contd.)

FINNISH AYRSHIRE CATTLE (contd.)

Örnmark Aug	Pastorby	Tenala
Pajarn M L	Launkila	Kalalanen
Palmroth C. Gurd	Kangas	Littala
Ialohelmo, H G O/Y	Santapaki	Ruhmäki
Palhe mo B A	Kallio-Kuunkala	Jarvenpää
Ierheniemi Gods A/B	Petreniemi	Kansala
Pohjala, Toivo	Kangasniemi	Harjavalta
Ramberg W	Brunkkila	Hakkarinen
Rosenlew E. Gunnar	Kuokkala	Vähti
Rosenlew Erik	Suomala	Parola
Rosenlew Lennart	Kannus	Kuolova
Rosenlew Werner	Paddas	Sauvo
Rosenlew Wihl	Wano	Harjala
Rosenlew W. & E	Vitro	Ishlala
Rotermann Ernst	Brodtorp	Sikuri
Rotk rch G Erik	Ratula	Artjärvi
Sank la Lauri	Sankila	Tampere
Saquin E	Langsjo	Pitkajarvi
Schwan Viktor	Koppo	Jeppo
Sidala Juho	Pakurila	Paimio
Sonck Karl	Porkko	Rymattila
Sundstrom Ehet	Aa Lemu	Abo
Tanitu Antti	Tenonaja	Uot kyla
Trompan Matti	Trompani	Osmala
Vatso Suomen	Mustala Enatala	Mustala
Vahuri Varr	Mattila	Vurolahti
Wahl W	Sörsvik	Kala
Wendt Hjalmar von	Toosila	Sumola
Wegeli us Ake	Pekola	Parola
Wet an Wilhelm	Mörby	Söckenbacka
Winqvist Carl	Smeda	Mylläkoski
Wrede Anna de	Rabblaga	Masaby
Wright Ferd von	Abramsen	

FINNISH SHEEP

Hakkala Mrs. M	Ruotsi	Rönöniemi
Hoppu J	Atolabiti	Antoniemi
Jalas A	Tyrvanmä	Lahdentaka
Jansson F	Sotkamo	Kaukko
Janttu P J	Karttula	Hannola
Kuulala J	Saikkamäki	Rapola
Lagerwall H	Tureksi	Ekenäs
Leskisen J perni	Karttula	Rantala
Makela O	Teisko	Uksala
Pihkala R	Atolabiti	Laalahti

FINNISH PIGS

Airaksinen Aug	Sillinjärvi	Airaksela	Yorkshire Pig
Alanne A	Ervela pys	Alhainen	
Amnell Sofia de Mrs	Ruovesi	Pekala	
Brockenheim Ldy de		Osmala	
Brander A	Kute	Kovikkio	
Bruun Inkari	Vupuri	Torkkelin II	Landrace Pig
Furuhjelm S de Mrs	Urjala	Honkola	Yorkshire Pig
Gäbrberg Ldy		Lunkila	
Granqvist J	Turkula	Tallio	
Grönlund Ldy	Nakkila	Vallila	
Haapaniemi J V	Iort	Ruonsniemi	Landrace Pig
Hakka M	Sammonkatu 26	Lahti	
Hakkinen M Mrs	Ruovesi	Kutoniemi	
Hallberg J	Vupuri	Saarela	Yorkshire Pig

Harjala O/Y Aktiebolag	Harjala	Yorkshire Pig
Henonen Viljo	Mylläksy	Landrace Pig
Hilden L O	Osara	
Hurme Otto	Kenu	
Hoppu J	Antoniemi	
Jalas A	Lahdentaka	
Jansson E	Kaukko	
Janttu P J	Honnola	
Jaaskelainen O	Latva Luhtasela	
Kekki Ville	Vitala	
Ketola P	Tamusto	
Kukela A	Kavala	
Kosola V	Toholampi	Yorkshire Pig
Korkala Surt Mrs	Lapua	
Korri V	Tyrnävä	
Korsman A	Ollikkala	
Kuhonen Brödnerna	Ruokolunda	
Kuulala J	Karhu	Landrace Pig
Laakso Martti	Rapola	
Lagerwall H	Uotila	Yorkshire Pig
Leskisen J	Isobisi	Landrace Pig
Littosten kartano O/Y	Rantala	Yorkshire Pig
Lundqvist J K	Littonen	
Lundqvist U	Hameenlinna	
Makela J	Ruhmaki	
Marski Emil hemi	Uksala	
Niemi K	Ahtari	Landrace Pig
Nurmi L	Niemi	Yorkshire Pig
Pekkonen M M	Kaukajoki	
Pihkala R	Pohjala	
Rantala E	Laalahti	Landrace Pig
Raty M	Hameenlinna	
Relander I	Vanh Lapio	
Sakela Juho	Hamo	
Simo V	Karvola	Yorkshire Pig
Stelander M E	Hameenlinna	
Stula J E	Mahala	
Saaminki kommun	Rovaniemi	Landrace Pig
Westering J N	Talaski	
Lumonen Brödnerna	Varpanta	Yorkshire Pig
	Petrin O	
	Syväro	Supple

FINNISH HORSE

Brotherus Valter	Hutola	Ylöskylä
Erksson J H	Persu	
Forsaa Aktiebolag	Forsaa	Savero
Forsten Gunnar	Sippola	
Gummerus Kaarlo	Kurkijoki	
Hagestam Lennart	Jarves	Vedvastö
Hakkala Juho	Hutola	Yökilä
Hallenberg Viljo	Vupuri	Saarela
Harju Gård	(Finska Staten) Hamina	Harju
Hervensalo, Yrjö	Jusalmi	
Jalkanen E W	Mikkeli	
Jokinen Gård	(Finska Staten)	Jokinen
Lahdensuo Ville	Lapua	Vainö
Lempäala Inkila	Pastell	Luksala
Meurman Jalmar	Kangasala	Vustala
Mustala Gård	(Finska Staten)	
Otava Gård	Otava	
Pohjala Tons	Harjavalta	Parto
Saarnalahti Selm.	Kuusjoki	
Tuukkanen Julius	Nikkeli	
Vestinen J II	Säämäri	Hernesalmi
Zitting J V	Mouru	

For Poultry Breeders see Poultry Section page 69

THE INTERNATIONAL DIRECTORY OF PEDIGREE STOCKBREEDERS.

(Führer durch die Hochzuchten der Welt)

23, Fleet Street, London, E C 4, England.

Wir sind über die Horden der Welt unterrichtet und gern bereit Fragen nach Verkaufsmöglichkeiten, Preisen, Markten, Transport und Eignung der Tiere für jedes Klima sofort und kostenfrei zu beantworten. Der International Hochzucht ihrer bringt in seinem namentlichen Verzeichnis alle bedeutenden Züchter der Welt und die von ihnen gezüchteten Tierrassen.

Livestock Breeding in France.

The Live Stock estimate states cattle 14,938,000, sheep 10,710,000, pigs 6,017,000, horses 2,920,000

Resulting from the French Revolution, France was divided into Departments in the year 1790, having previously been divided into Governments and Provinces. From an agricultural point of view, i.e. in reference to what the country produces, the division into agricultural districts is practical. Thus, the southern district, bordering on the Mediterranean is the olive district. The district, up to a line running in a north-eastern direction from the Department of Gironde to the Vosges, is the maize district, from the mouth of the River Loire to Mézières in the Ardennes above which line the vine will not grow, the wine producing district extends, and the remainder of the country, beyond this district, is the farm staple product district, being chiefly devoted to cropping and live stock breeding. Of the population, after the war considerably less than 40 million, 71% devote their life and work to agriculture and stock breeding. The soil is remarkable for its sub-division. France is to-day the largest wheat producing country in Europe, having prior to the Russian revolution been second. Probably she is also the largest potato and sugar beet producer in Europe. The production of wine from the grapes is, of course, the main agricultural product, and so far, no other country in the world has reached the position of France as a wine producer. Some 1,800,000 hectares bear grapes. A large area is unproductive, being marshes, swamps and moors. The country is traversed by numerous rivers, few of which, however, are of any great importance. The climate is probably the finest on the continent of Europe. Next to Great Britain, France is the largest Colonial Power, holding in Africa Algeria, Tunis, part of Morocco, Senegal, part of the Niger Territory, Guinea, the Ivory Coast Territory, Dahome part of Congo, and the Somali Coast Territory. In Asia Cochinchina, Cambodia, Annam, Tonking, Laos, Pondicherry, Karikal and Chandernagor. In the South Sea France holds New Caledonia, the Loyalty Islands, the Marquesas, the Paumotu, the Gambia and the Clipperton islands. In the Indian Ocean the islands of Madagascar, Réunion, the Mayotte, the Comoro Islands, the New Amsterdam and the Kerguelen islands. On the American continent Guiana, besides the islands of Martinique, Guadeloupe and Marie Galante, while the small unimportant islands close to the Newfoundland Coast, St Pierre and Miquelon are also under French sway. Resulting from these many colonial possessions and their diversity from various points of view, France is fortunate in having this large field to absorb her manufactures and surplus live stock.

Owing to the diversity of soil and climatic conditions in the country, a great number of breeds of cattle and sheep have evolved in course of time, and while some of these are not of any outstanding merits France breeds several very valuable types of both cattle and sheep. As a horse breeder France has always been

prominent. Speaking generally about the cattle breeds, it might be stated that the 'Dual Purpose' breeds, with few exceptions are most popular among the agriculturists. The French are energetic farmers and live stock breeders, and while the various breeds and types undoubtedly locally suit a District's requirements, they have scarcely, so far, come up to the excellence of the British breeds. Therefore although obviously France has all the advantages in her own Colonies and Protectorates when introducing her own breeds, undoubtedly many of the British breeds would prove of greater utility.

Among the valuable cattle breeds in France, pride of place is easily taken by the magnificent Charollaise breed. Among the world's beef producing breeds, Charollaise cattle hold a very prominent position and it is remarkable that they are not more widely known outside France.

These cattle are truly a product of the soil, having originated in the very district where they still chiefly and largely exist, the district of Nevers. The actual stock of this breed is now well over 1,500,000 head. The Charollaise Herd Book Association containing all the Pedigrees, was founded in 1887, and no animal whose progenitors cannot be proved, obtains entry. The Herd Book Association arrange great sales every year at Charolles (Department Saône et Loire) St Amand, Nevers, and at Moulins (Department Allier). The outstanding feature of this breed is its great fecundity. They are fairly good milkers, fatten easily, reaching a very heavy weight, and their milk white colour gives them a most pleasing appearance. The Limousine cattle are, likewise a prominent breed, good milkers, easily fattened, chiefly bred in the district of Limoges. They are favoured by many breeders and of late years have met with a good demand Overseas. The Salers cattle is another breed of outstanding merits, chiefly bred in the Aurillac district, Cantal. The Maine Anjou cattle are very good milkers and a number of breeders in the Sarthe and Maine et Loire districts hold that the breed should be given preference as "Dual Purpose" cattle. The so called Flemish cattle—Herd Book Bovine Flamande—are chiefly bred in the district round about Lille, in the Pas-de-Calais and on the Somme, and is a breed of outstanding merits, as is also the Normandy cattle, a breed likewise originating in the north of France. These cattle are much in vogue, and also appreciated in several Latin American countries, and the Breed Society is developing its activities with a view of captivating foreign markets for breed animals. The number of Normandy cattle breeders is now quite considerable. The Friesian cattle, not so long ago, very little favoured in France are now making headway, and the French Herd Book Association of Breeders of Black White Holland Cattle domiciled at Lille, is increasing its membership every year. A number of good herds can be seen in this district. The white-

coloured breed known as "Tachetée de l'Est" are excellent cattle, large-sized, well developed and fairly good milkers. The black-white Vosges cattle are also good milkers and easily fattened. In the north of France an excellent breed called 'La Race Bleu du Nord' exists, not so long ago on the point of extinction. The chief breed districts are in the Department of Avesne between Le Cateau and Solesmes, and in Bayay, Le Quesnoy, and Maubeuge. At a recent Show held at Cambrai a most remarkable collection of these 'Blue Cattle' drew the admiration of every visitor. A Herd Book was recently started in which every Bayay breeder is now registered. Another breed very little known outside France, while even unknown to many a French breeder, the Montbeliarde cattle, certainly deserves to be better known, being excellent milkers and pronounced beef producers. The average weight when fattened is for the bullocks 800 and for the heifers 600 kilos. The breed district is in Doubs some 45 miles from Besançon. The milk has a high fat percentage. In the Cote d'Or, Châtillon-sur-Seine, a great number of breeders go in for the 'Brune des Alpes' cattle, quite a good breed, chiefly suitable for the district.

Excellent sheep of the Merino type are bred in France, such as the 'L'Île de France' sheep, chiefly bred in the Eure-et-Loire the breeders of which now enter their flocks in their own Flock Book. The Châtillonnais sheep are likewise a good breed, and along the Marne La Manche excellent sheep are bred, particularly favoured by the butcher for their fine mutton. Breeders of this sheep maintain their own Flock Book at Saint Lo. In the Sainte-Ménéould district another Merino type is bred, known as 'Merino de Champayne', and the "Merino du Soissonais", chiefly raised in the Soisson district, are undoubtedly fine sheep. Among the various sheep breeds, the Rambouillet breed is however, the most remarkable, and all other Rambouillet sheep types in other parts of the world emanate from this breed. A number of other breeds with their own flock book Societies are favoured in different parts of the country, such as the Charmoise sheep and the Bizet sheep, mainly bred in the Haut Loire and in the Cantal where the average flocks run from 70 to 120. It is probable that this breed through proper breed material selection and strict control might develop in size and fattening capacity as the grazing grounds are among the richest pastures in France. This interesting breed appears in two distinct types—black with a convex profile, a large sized animal, known among the breeders as Bains sheep, while the other type is much shorter, scarcely reaching more than 40 kilos in weight, and called Chilhac Bizet sheep, the mutton of which is held to be the finest existing in the whole of France. This is one of the most prolific sheep breeds on the European Continent, and its outstanding feature is its ability to exist on very rough, even scanty food. Very often these sheep are black with many spots of white wool,

curiously enough. On many a farm in the breed district they are entirely maintained during the winter in the stables on dry leaves collected during the summer. Probably the "L'Île de France" sheep hold the pride of place. A number of British breeds have long been favoured in France where they have reached outstanding merits such as the Southdown, the Oxford Down, and the Hampshire sheep. The Karakul sheep is now being bred pure, but so far very little is known about this valuable breed in France.

As regards pig breeding in France, although the French people are decidedly devoted to pork and bacon eaters pig breeding has never developed in this country as it has among its neighbours, i.e., Spain, Italy, Holland and Germany. Various breeds and types exist but only the following two breeds deserve to be mentioned. The Bayeux pig, remarkably like the Old Gloucester Spot pig in England is a valuable breed which however, during later years in many districts in France seems to deteriorate, probably owing to lack of supervision in the breeding district. It is a thrifty hardy animal, easily contented under almost any conditions of life, easily fattening on any kind of food of great fecundity, remarkably good mother with a average litter of twelve. This pig is much in favour with the butcher everywhere in France as it has a large proportion of meat with thin layers of fat. The origin of the breed is interesting—through crossing the Normandy Landrace pig with Berkshire boars and, as has in many instances been the case, admitting Yorkshire blood in the second generation, the hybrids obtained afterwards being crossed with each other, this procedure being continued until no more "throw-backs" occurred. Several breeders of this pig maintain, however, that it contains a considerable percentage of Asiatic blood, emanating from Tonking. The Bayeux pig has long flanks with a long rather cylindrical body. The other pig breed, the Crâonnaise pig, is probably an indigenous breed in France, as it has existed in the Avignon district since time immemorial. It has been stated that it originally came from Italy and admittedly, a similar pig is bred in many parts of that country. This breed is not particularly reared in any district in France but some remarkably good herds can be seen in the Nièvre district.

As stated as a horse breeder, generally speaking, the French breeder is prominent and in regard to heavy horses, the Percheron horse is now so well known everywhere that he scarcely needs any description. In the United States of America he holds the pride of place among America's imported draught horse breeds. Like the Charollaise cattle breed the Percheron horse is most distinctly a product of the soil as he originated in the same district where he has been so successfully bred since mediæval times, the Perche district, Normandy, where the Horse Markets held annually at Martagne Laferrière and Nogent-le-Routrou are great events as there collect purchasers from most of the countries of the world. Although

[cont'd p. 475]



Austria : Pinzgau Cattle.

(Article page 436).

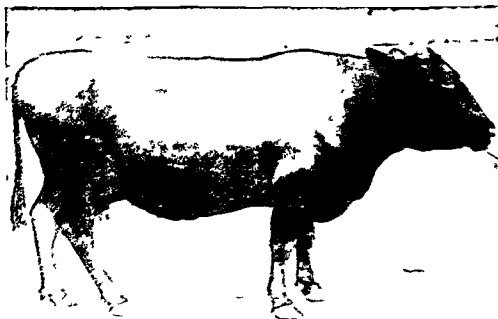


Austria : Pinzgau Bull.

(Article page 437).

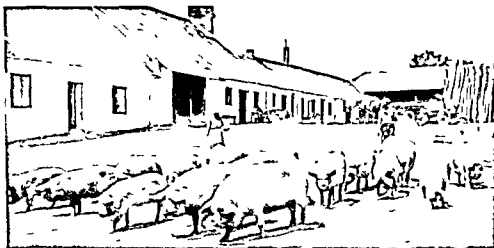
Cyprus Cow

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Cyprus:
Thoroughbred Colt.

(1912 No. 117)



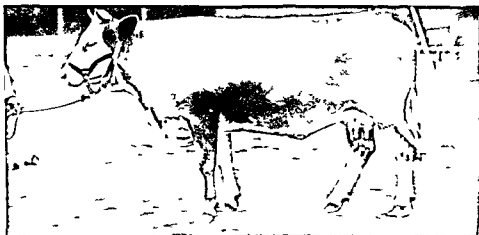
Czecho Slovakia : Landrace Pigs.

(Article page 440).



Czecho Slovakia : Landrace Cow and Calf.

(Article page 440).



Czecho Slovakia : Landrace Cow.

(Article page 440).



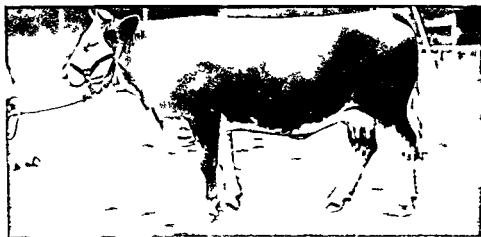
Czecho Slovakia Landrace Pigs

(Art page 440)



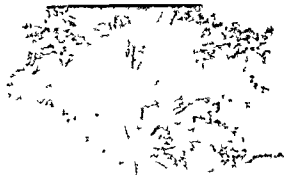
Czecho Slovakia Landrace Cow and Calf

(Art page 440)



Czecho Slovakia Landrace Cow

(Art page 440)

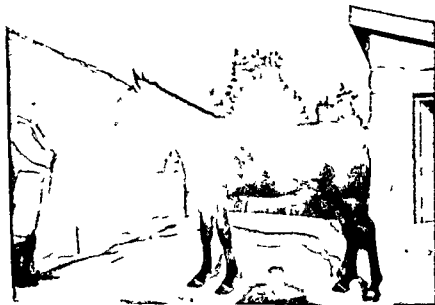
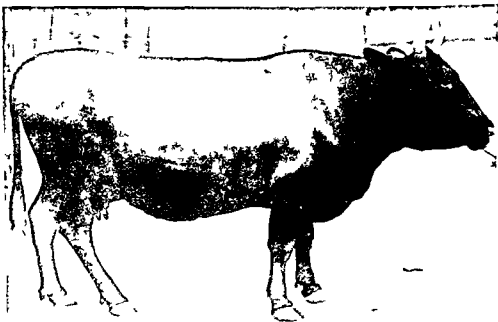


Germany . Allgau Cattle



Cyprus Cow

(Art. page 11)



Cyprus :
Thoroughbred Colt.

(Art. le page 11)



Czecho Slovakia Landrace Pigs

(Art. page 440)



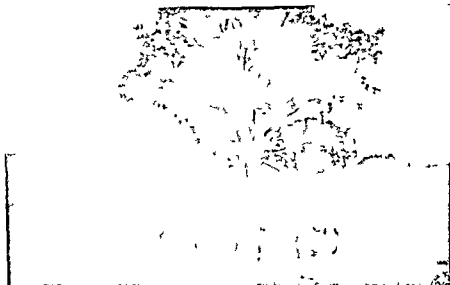
Czecho Slovakia Landrace Cow and Calf

(Art. page 440)

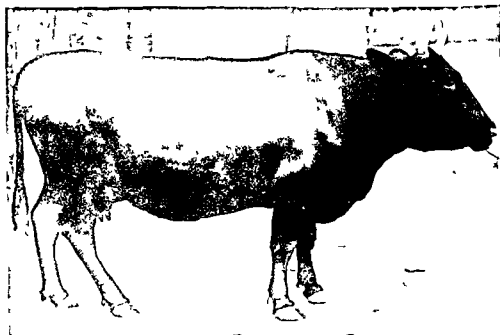


Czecho Slovakia Landrace Cow

(Art. page 440)

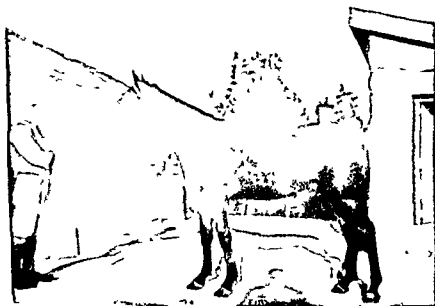


Germany : Allgau Cattle.



Cyprus : Cow.

(Art de p. 41)



Cyprus :
Thoroughbred Colt.

(Art de p. 41)



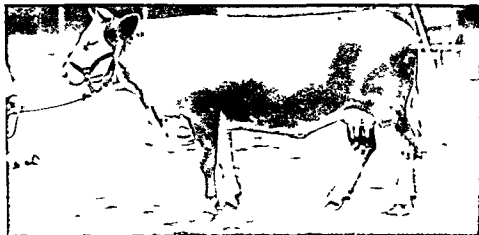
Czecho Slovakia : Landrace Pigs.

(Article page 440).



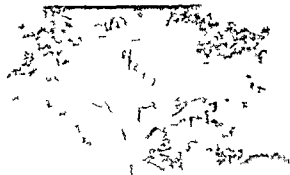
Czecho Slovakia : Landrace Cow and Calf

(Article page 440).

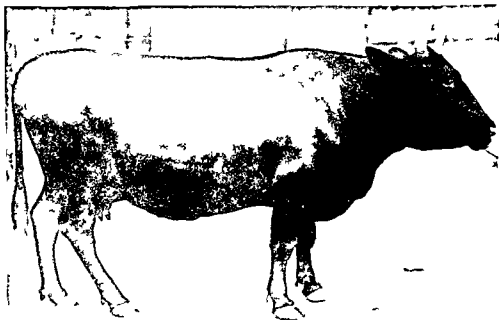


Czecho Slovakia : Landrace Cow.

(Article page 440).

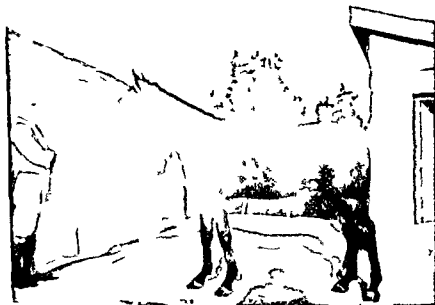


Germany Allgau Cattle



Cyprus Cow

(A 1844)



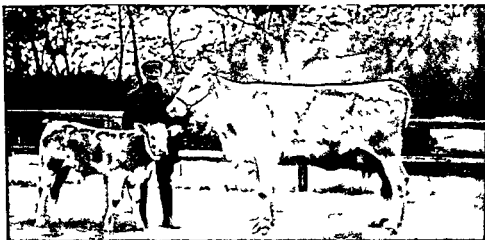
Cyprus
Thoroughbred Colt.

(A 1844)



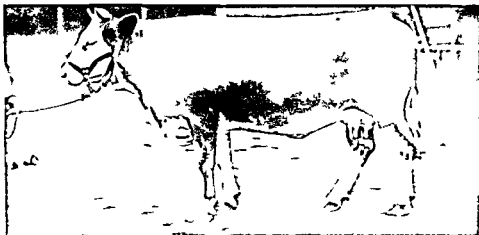
Czecho Slovakia : Landrace Pigs.

(Article page 440)



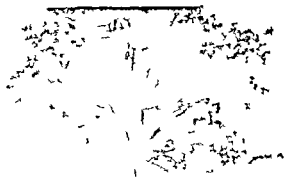
Czecho Slovakia : Landrace Cow and Calf

(Article page 440)

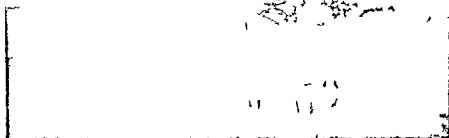


Czecho Slovakia Landrace Cow.

(Article page 440)

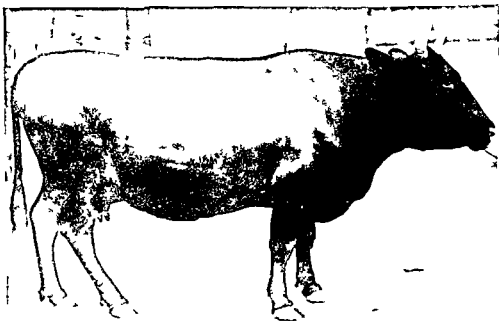


Germany Allgau Cattle



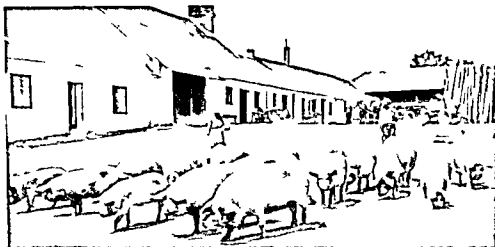
Cyprus Cow

A 1911



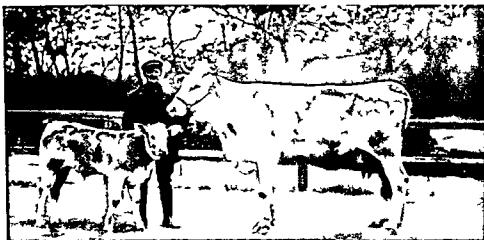
Cyprus
Thoroughbred Colt.

(A 1911)



Czecho Slovakia Landrace Pigs

(Art. cpa 440)



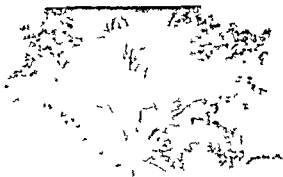
Czecho Slovakia Landrace Cow and Calf

(Art. cpa 440)

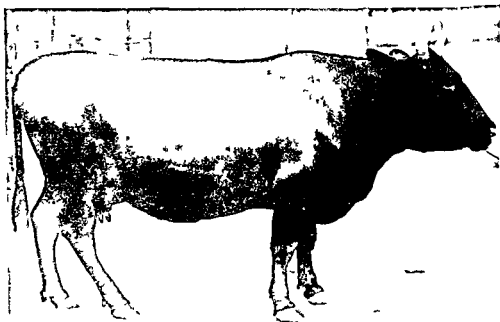


Czecho Slovakia Landrace Cow

(Art. cpa 440)



Germany : Allgau Cattle.



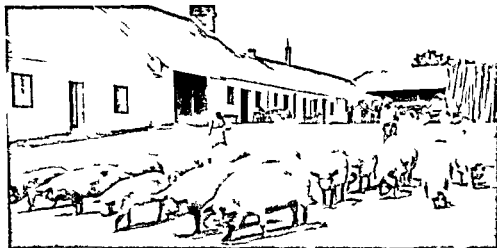
Cyprus Cow

(Art. 1 p. 41)



Cyprus :
Thoroughbred Colt.

(Art. 16 p. 41)



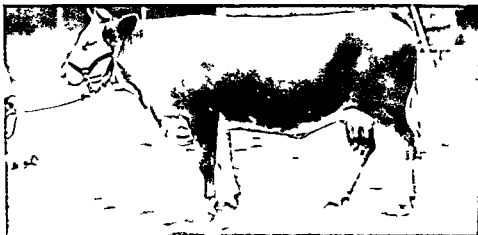
Czecho Slovakia Landrace Pigs

(Art. c page 449)



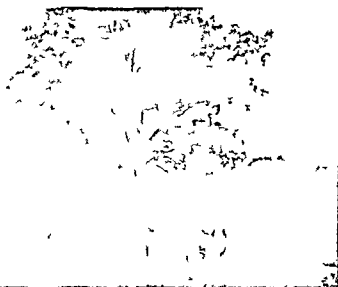
Czecho Slovakia Landrace Cow and Calf

(Art. c page 449)

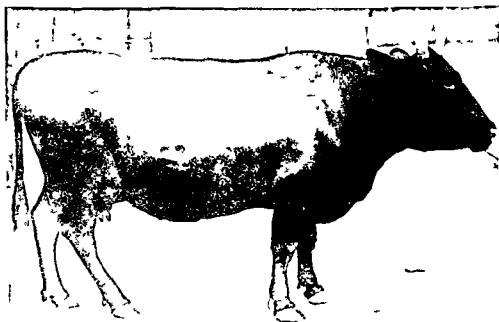


Czecho Slovakia Landrace Cow

(Art. c page 449)

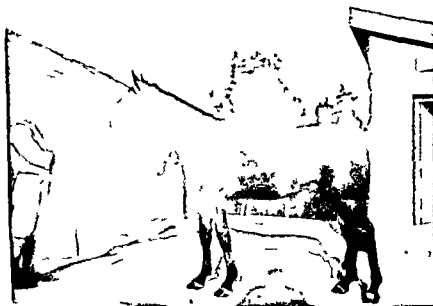


Germany • Allgau Cattle



Cyprus. Cow.

(Ar. p. 11)



Cyprus :
Thoroughbred Colt.

(Ar. p. 11)

PROMINENT BREEDERS (cont'd)

FRENCH MAINE ANJOU CATTLE (cont'd)

Hervieu — La Grande Roche St Laurent des Mortiers Burel Mayenne
 Hougeon — La Mercerie Chateaubriant L Inf
 Huameu — La Roncée Paré's Roc Enrammes Mayenne
 Janvier — La Ménestère St Gemmes le Robert Mayenne
 Landeau — Le Moul n Fumé Nire Morannes M & L
 Landeau — La Bassonnière Bouère Mayenne
 Langous — Paillyard Bailie Mayenne
 Lauvay — Varenne Epineux le Séau n Costé en Champagne Mayenne
 Lefevre Alfred Rochesvrière Vendée
 Le Gous s Yves La Barre David St Sulpice des Landes L Inf
 Lemme Louis Au Fresno St Aignan s Roc Mayenne
 Leroy Jules Aux Feux Coslé le Vivien Mayenne
 Leroy Henri Au Fougeray Coslé le Vivien Mayenne
 Loison — Les Petites Landes Chaires la Torré Luron Mayenne
 M gnot — L Orgerie St Michel la Ros Mayenne
 M gnot — La Petite Subaudière La Sella Craonna se Mayenne
 Morneau — La Motte Fleau Le Buret Grez en Bouère Mayenne
 Mouchet Marcel Les Angevins St Loup la Port Mayenne
 Ora n — La Rousselère Chateaubriant L Inf
 Orhand Paul Argenté d Plessirs Ile & Vile ne

Pacrau — La Vallée St Mesmin Vendée
 Parlet s Césalondes Costé en Champagne Mayenne
 Pelletier Jean La Chenaie La Cucherie de Bretagne Ile & Vil
 Pelletier Louis La Rétère Le Lion d Angers M & L
 Peralte — Bonneval Ruffigné St Aubin des Châteaux L Inf
 Pignon Lise La Montagne Ard Mayenne
 Piert — Le Métel Nire M & L
 Reau Count du No s Fichet Châtillon Sèvres Deux Sèr
 Reveau — La Négrière St Mesmin Vendée
 Rere Louis La Coquelinière Auvers le Hamon Sarthe
 Ricoisset Jules Paré's Roc Enrammes Mayenne
 Rouge V comte O de Les Kues Chren Ile Changé Chambellay M & L
 Rub n — La Vallée Domagné Ile & Vil
 Saulou — La Ict le Chaussée Le Lion d Angers M & L
 Saupey et Poupponneau La Gu machère La Chapelle Heulin L Inf
 Theault err de la Touchasse Genes s Glaise Longuefuye May e
 Theault Lebreton — A Pont Apremont Vendée
 Tre hem V sountes de L Isle Brant Le Lion d Angers M & L
 Trigue La Fonta ne St Fort Chateau Gontier Mayenne
 Viot Lou s La Manclière Burel Mayenne

FRENCH MONTBÉLIARDE CATTLE

Ballot — Corbenay
 Clergeat Louis Lavan
 Colcombet — St Genest Lerpi
 Croquet Maurice Romanèche Thorens
 Faire Henri Le Ruysey
 Graven A Juren de la Bierrre les Semur
 Viscount
 Grougnot — Chenevrey
 Jacquinet — Dommarçen

Hite Saône Doubs
 Lambert — Doubs
 Macier — Doubs
 Mamet — Doubs
 Mamet — Doubs
 Marchal — Doubs
 Mart n Auguste Bellenecourt Hite Saône
 Ménétier Albert Dampans Jura
 Pelet n Soules Doubs
 Pédault — St Léger sur Dheune Saône-et-Loire

FRENCH FLEMISH CATTLE

Adriansen — Louches Pas de Calais
 Andrieux Raoul Gézalencourt Somme
 Asseman Achille Fière Nord
 Bacy Georges Metteren Nord
 Baert Julien Pitgam Nord
 Balagny Gabriel Gournay sur Aroude Oise
 Barber — Berguez Nord
 Bastard Gustave Cassel Nord
 Bate Baron de Zoutkerque Pas-de-Calais
 Baudebecq M ilencourt Somme
 Beck Camille Bailleur Nord
 Beckandt Gustave Hoville Nord
 Bernard Marcel Anor Nord
 Bignat Albert A By le haut Clocher Somme
 Blondel German Bambeck Nord
 Blondin Georges St Léger les Dornat Somme
 Bollenger El e Houtkerque Nord
 Bonduel Sa ngnin en Mélantrés Nord
 Botte Delaire Béreine les Ardres Pas-de-Calais
 Bouden Emile Bailleur Nord
 Boulogne Alfred Geza ncourt Somme
 Bourbier André Gornay sur-Aroude Oise
 Boutilier Jules Sach n les 1 erres Somme
 Boulogne Mde Esmer Hallon Somme
 Bouxin L Rougeries Assue
 Braems Adrien Cassel Nord
 Briche Julien Meris Nord
 Briet Nohé Romy-St Maclos Somme
 Brio s Albert Billancourt Somme
 Brysbaert Jules Harebrouck Nord
 Calard Mle Fluy Somme
 Callet Lambert — Landefries Nord
 Careye Cyrille Bailleur Nord
 Carpentier E Bauxual Somme
 Carré Louis Hedauville Somme
 Caru e Raoul Engleblumer Somme
 Cateau Charles Merr s Nord
 Chitu Auguste Laquelbecq Nord
 Cockenpot George Worhousd Nord
 Codron Maurice Vend n s Héthune Somme
 Colpaert Charles Hondschoote Nord
 Costenoble Jules Meris Nord
 Couvroux Armand Hézele Nord
 Coulon, Jaul Forest Mont ers Somme
 Cress s n Lézer Hermès Oise
 Cruis e Maur ce B hen les-Crotoy Somme
 Damade Xavier Varennes Somme
 Dancavelle Gaston Maix Malet Somme
 Dauphin Oscar Henencourt Somme
 Debeidit Denis Ravinchove Nord
 Debergh Charles Bambeck Nord
 Debusch d Géral Menesque Nord
 Debelit Henri Warmen Nord
 Debelit Maurice Chyville Nord
 Debuysse Emile Quarepre Nord
 Decherf Paul Nomboud Nord
 Decherf Abdon Nomboud-Campagne Nord
 Decherf Paul Vieux Berquin Nord
 Declercq Charles Merville Nord
 Decrommick Jules Bailleur Nord
 Decroisilles Nomboud-Campagne Nord

Decroocq Léon Mardyck Nord
 Defort Lise Metteren Nord
 Degraeve Charles Hazebrouck Nord
 Degraeve Maurice Hazebrouck Nord
 Degrand Remy West Cappel Nord
 Degrendel Albert Meris Nord
 Degrendel Joseph Metteren Nord
 Degroote Charles Morbecque Nord
 Degroote Gaston Cassel Nord
 Degroote Remy Zermettele Nord
 Dehaene Georges Wormhoudt Nord
 Delabarte Mle Armbois Cappel
 Delannoy Léon Warloy Bailleur Somme
 Delassus Henri Vieux Berquin Nord
 Delassus Louis Borre Nord
 Delattier Mde Bollereule Nord
 Delbecq Emile Wameton bas Nord
 Deleau Im le Mont en Ternois Somme
 Delvaer Jules Zuytpeene Nord
 Delvaux Charles Cauchy Somme
 Demaray Henri Vieux Berquin Nord
 Demol Rémy Noordpeene Nord
 Demorcy Fernand Mézières en Sarterre Somme
 Denis Léon Vadenecourt Somme
 Depicker Aimé Ledringhem Nord
 Depoers Léon Crochte Nord
 Dequ d Georges Oxelaere Nord
 Dequid Omer St Sylvestre-Cappel Nord
 Deram Constant Wierkerghen Nord
 Deranto Lucien Herzele Nord
 Derry Clares Daours Somme
 Desreux Paul Wallon-Cappel Nord
 Desmarecaux Jean Caestre Nord
 Deswarte Lucien Sisonweide Nord
 Deveyer Hazebrouck Nord
 Devillers Étienne Bouquemaillon Somme
 Dewaele Remy Hambecke Nord
 Dewitte Rémy Killeen Nord
 Dewulf R chard Hondschoote Nord
 Diers Louis Mally Maillet Somme
 D Hondt Henri Strazele Nord
 Dinder Rémy Hondschoote Nord
 Doronville Jules Marquet Assue Nord
 Duzacourty Paul Vieux Berquin Nord
 Dubreul — Le Meillard Somme
 Dupré Camille Varennes Somme
 Dupré Mle Forest Montiers Somme
 Durris J B Vieux Berquin Nord
 Duval s Eugène Bouquemaillon Somme
 Duytsche Pierre Offkerque Somme
 Eloy Emile — Walouout Somme
 Etienne Gaston St Quentin-en-Tourmont Somme
 Evard, Chris Flandre le Somme
 Jacques Jules Merville Nord
 Jauvier er Anicet Doupre-Mauvo Somme
 Jernie-Erle de Roitroy-les-Meris Oise
 Jonire Nord Fler Somme
 Jossart Emile — Bambecke Nord
 Jouan Victor Oost-Cappel Nord
 Franchon Marcel Hambecke Nord
 Jernery Charles — — Nomboud, Somme

coloured breed known as "Tachetée de l'Est" are excellent cattle, large-sized, well developed and fairly good milkers. The black-white Vosges cattle are also good milkers and easily fattened. In the north of France an excellent breed called "La Race Bleu du Nord" exists, not so long ago on the point of extinction. The chief breed districts are in the Department of Avesne between Le Cateau and Solesmes, and in Bayay, Le Quesnoy, and Maubeuge. At a recent Show held at Cambrai a most remarkable collection of these "Blue Cattle" drew the admiration of every visitor. A Herd Book was recently started in which every Bayay breeder is now registered. Another breed, very little known outside France, while even unknown to many a French breeder, the Montbéliarde cattle, certainly deserves to be better known, being excellent milkers and pronounced beef producers. The average weight when fattened is, for the bullocks 800, and for the heifers 600 kilos. The breed district is in Doubs, some 45 miles from Besançon. The milk has a high fat percentage. In the Côte-d'Or, Châtillon-sur-Seine, a great number of breeders go in for the "Brune des Alpes" cattle, quite a good breed, chiefly suitable for the district.

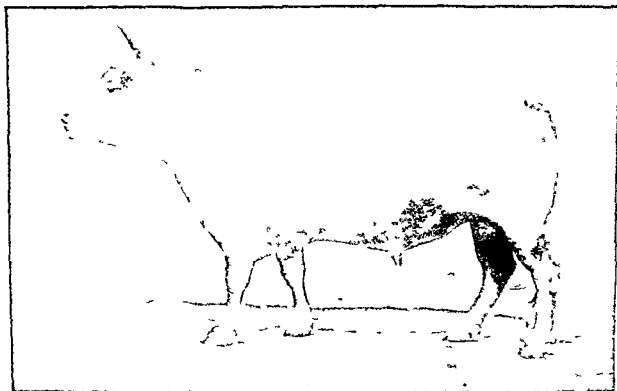
Excellent sheep of the Merino type are bred in France, such as the "L'Île de France" sheep, chiefly bred in the Eure-et-Loire, the breeders of which now enter their flocks in their own Flock Book. The Châtillonnais sheep are likewise a good breed; and along the Marne, La Manche, excellent sheep are bred, particularly favoured by the butcher for their fine mutton. Breeders of this sheep maintain their own Flock Book at Saint-Lô. In the Sainte-Ménéhould district another Merino type is bred, known as "Merino de Champayne," and the "Merino du Soissonais," chiefly raised in the Soisson district, are undoubtedly fine sheep. Among the various sheep breeds, the Rambouillet breed is, however, the most remarkable, and all other Rambouillet sheep types in other parts of the world emanate from this breed. A number of other breeds, with their own flock book Societies, are favoured in different parts of the country, such as the Charmoise sheep and the Bizet sheep, mainly bred in the Haut-Loire and in the Cantal where the average flocks run from 70 to 120. It is probable that this breed through proper breed material selection and strict control might develop in size and fattening capacity as the grazing grounds are among the richest pastures in France. This interesting breed appears in two distinct types—black with a convex profile, a large-sized animal, known among the breeders as Bains sheep, while the other type is much shorter, scarcely reaching more than 40 kilos. in weight, and called Chilhac Bizet sheep, the mutton of which is held to be the finest existing in the whole of France. This is one of the most prolific sheep breeds on the European Continent, and its outstanding feature is its ability to exist on very rough, even scanty food. Very often these sheep are black with many spots of white wool,

curiously enough. On many a farm in the breed district they are entirely maintained during the winter in the stables on dry leaves collected during the summer. Probably the "L'Île de France" sheep hold the pride of place. A number of British breeds have long been favoured in France where they have reached outstanding merits, such as the Southdown, the Oxford Down, and the Hampshire sheep. The Karakul sheep is now being bred pure, but so far very little is known about this valuable breed in France.

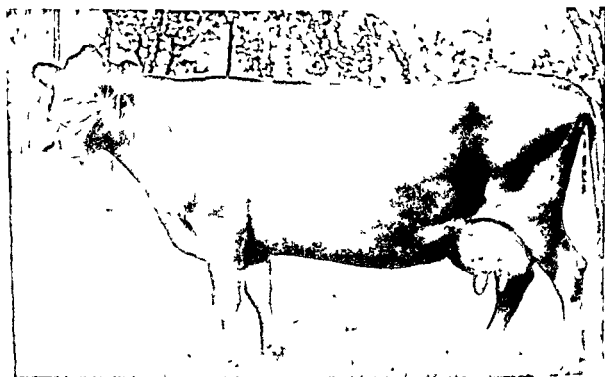
As regards pig breeding in France, although the French people are decidedly devoted pork and bacon eaters, pig breeding has never developed in this country as it has among its neighbours, *i.e.*, Spain, Italy, Holland and Germany. Various breeds and types exist but only the following two breeds deserve to be mentioned. The Bayeux pig, remarkably like the Old Gloucester Spot pig in England, is a valuable breed which, however, during later years in many districts in France seems to deteriorate, probably owing to lack of supervision in the breeding district. It is a thrifty, hardy animal, easily contented under almost any conditions of life, easily fattening on any kind of food; of great fecundity, remarkably good mother with an average litter of twelve. This pig is much in favour with the butcher everywhere in France as it has a large proportion of meat with thin layers of fat. The origin of the breed is interesting—through crossing the Normandy Landrace pig with Berkshire boars and, as has in many instances been the case, admitting Yorkshire blood in the second generation, the hybrids obtained afterwards being crossed with each other, this procedure being continued until no more "throw-backs" occurred. Several breeders of this pig maintain, however, that it contains a considerable percentage of Asiatic blood, emanating from Tonking. The Bayeux pig has long flanks with a long, rather cylindrical body. The other pig breed, the Grâonnaise pig, is probably an indigenous breed in France, as it has existed in the Avignon district since time immemorial. It has been stated that it originally came from Italy and, admittedly, a similar pig is bred in many parts of that country. This breed is not particularly reared in any district in France, but some remarkably good herds can be seen in the Nievre district.

As stated, as a horse breeder, generally speaking, the French breeder is prominent, and in regard to heavy horses, the Percheron horse is now so well known everywhere that he scarcely needs any description. In the United States of America he holds the pride of place among America's imported draught horse breeds. Like the Charollaise cattle breed, the Percheron horse is most distinctly a product of the soil, as he originated in the same district where he has been so successfully bred since mediæval times, the Perche district, Normandy, where the Horse Markets held annually at Martagne, Laferte and Nogent-le-Routrou are great events as there collect purchasers from most of the countries of the world. Although

[cont'd p. 475.]



Norway: Red Tronder Bull.



Norway: Eastland Red Polled Cow.

PROMINENT BREEDERS (contd)

FRENCH NORMANDY CATTLE

[illegible]

Prominent Breeders.

FRENCH CHAROLLAIS CATTLE.

Abard Charles	Chevannes Changy	N èvre	Gaymy —	Domaine de Plaix	Souzy Mésangy All er
Adven er François	Moumas	Route de Lyons Allier	Génin Clément	Les Champnas	La Guereche Cher
Adven er René	Belleuve	Besay All er	Geoffrey Hubert	Artihel	Prémery N èvre
And n François	Marchers	C ne Thonne Allier	Sayoune	Parquay les Vaux	Sapcaux Cher
Aupélie Charles	Virey	Saône et Lo re	Gilbert Couët	Nauton	St Sulpice N èvre
Bagu n —	Crilles	Cours les Barres Cher	Gonnet Ph lippe	Marcais	Cher
Bard n René	Chevenon	N èvre	Goutheraud Jean	Arcey Vindecy	Saône et Loire
Barge —	Moutet	Vaudebarrier Saône et Loire	Gouzin Lucien	Sornay	Mars s All er N èvre
Barle Michel	Chautendy St Imbert	N èvre	Gricour	Toutailler	St Pierre N èvre
Bas André	Toury Lurey	N èvre	d Héville Baron	St Aubin en Charolais	Saône et Loire
Bas Régisseur	Beaulou	All er	Lacroix B	Parquay les Vaux	N èvre
Baudot Irénée	La Valceire	Général Saône et Lo re	Lacroix René	Le Marquisat	Paray sous Bri lles All er
Beauchamp Michel	Vaumas	AL er	Lagat —	Montchemu	Cuffy le Guét n Cher
Beaulieu —	Avni	Diennes Cergy la Tour N èvre	Laguiche de Marquis Chamoant	Les Vesvres	St Saulze N èvre
Bernard —	Lachassaque	Landapreyre Creuse	Lamborat Louis	Veruelle	St Bonnet de Jours Saône et Loire
Bern gaud Jean	Marault	Magny Cours N èvre	Argenton s Creus	Indre	Changy Saône et Loire
Berth er M	Aux Apports	Mazzy Saône et Lo re	Grosbout	G mouille N èvre N èvre	
Besson —	Noux	Magny Cours N èvre	Abon	Moulins Enyrt N èvre	
Besson Auguste	Mont	Magny Cours N èvre	Chenizot	Choungy Chatillon N èvre	
Besson Lucien	St Ben n d Azy	N èvre	Montet	Vaudebarrier Saône et Loire	
Besson Marcel	St Ben n d Azy	N èvre	Lapray C M	Corb gny N èvre	
Boudin —	Sermesse	Plagny N èvre	Laroulière — de	Cercy la Tour N èvre	
Boulin Marc	Méle	Mars s All er N èvre	Lautigny —	Dourbon l Archambault All er	
Bon lie Count de	Villars	St Parize N èvre	Legrand Paul	Semur Côte d Or	
Boulie Louis	St Pierre le Moutier	N èvre	Leguy Alexis	Château Chevigny	
Bonille Roger	Celines	Mars N èvre	Lellerin Pierre	Nery es Bois	Cher
Count de	Grand Chemin	Bourbon Laucy Saône et Loire	Lerrot Marcel	Vitry s Loire	Saône et Loire
Bonn C		Nouveaux Loure	Le Estout de Count	Archule	Bouilly le Réal Allier
Bossou T	Doma ne du Port	La Termelle N èvre	Letuq —	Aux Laurents	C ne de Gennet nes All er
Bourg de Bota	Prje	Moutigny aux Amogues N èvre	Lhoste Léon	Romenay	Cergy la Tour N èvre
Count de	La Valoge	Charenton du Cher Cher	Lhuln n Heun	Sempanges	Gmouille N èvre
Bouteau —		Charenton du Cher Cher	Lindon Pierre	Saucy	St Ange N èvre
Boutet Louis	Sout	Charenton du Cher Cher	Loudebord —	Gare Yzeure	Allier
Brai M	Boulevard de la Repub	Charenton du Cher Cher	Maltr —	Cissy	Gongnon Saône et Loire
Buchet Anto ne	l Esp caye par St Gertnan Loure	N èvre	Mangin —	La Terté	Chautenay N èvre
Buchet Desjorges	Le Chalet	Cours par Cosne N èvre	Maringe Jean	Beaumont	Pouzy Mésangy All er
Cabarat Albert	Champlin	Prémery N èvre	Maringe Léon	Champlin	Prémery N èvre
Candoll — de	Marcully	Cervon N èvre	Maringe Pierre	Langy	Auléry N èvre
Centre Zootechni que	Clos Ry	Plagny N èvre	Massé Auguste	Bussy	C ne d Achun N èvre
Chabaud la Tour	Thauvenay	Sauccere Cher	Massy Hubert	Cerny gny l Exempt	Charenton du Cher Cher
Baron de		Cercy la Tour N èvre	Maurice E	La Forge	Allier
Cha s Albert	Coddes	Saône et Lo re	Mercier Pierre	Troutet	All er
Chambonnier —	Arcey Vindecy	St Saule N èvre	Métairie Abel	Dot jon	Châteauneuf N èvre
Champpeu —	La Thionerie	N èvre	Meunier —	Toutfaye	Toulon sur All er Allier
Champpeu Jacques	Artemboud	Cuffy le Guétin Cher	Monte chard — de	Domaine des Grs	Saurois Cher
Champellier —	I resles	Allier	Moret Jean	St Caprais	Decize N èvre
Charrette —	St Leopard n d Augy	Allier	Morette	Villecourt	Magny Cours N èvre
Charrier Henri	Béaulon	Allier	Morizot —	La Beur tre	Cher
Chon et Limie	Marc gny	St Pierre N èvre	Mortemart M de	Méulant	Agouges Allier
Chouet Ad iphe	La Motte	Decize N èvre	Moul n —	La Commeraye	Decize N èvre
Clément Ando ne	St Julien de Civry	Saône et Loire	Naud n Jean	Crocq	Prémery N èvre
Cloquet —	N èvre	Mont gny aux Amogues N èvre	Saône et Loire	Marolles	Gousse Besay All er
Collas Marcel	Coungy	St Ben n d Azy N èvre	A nece Henri d Oron Baron	La Motte	C ne Trouget All er
Colas de Châtelperrou	Chasin pierre	St Julien de Civry N èvre	Pacaud M de	La Roche	Charolais Saône et Lo re
Couquouy Batimuns	l Abbay	St Julien de Civry N èvre	Patriat Ferd nand	Brières	l pusses Côte d Or
Crouzier Michel	Sal gny s Rhodoun	Saône et Loire	Petitpre	Corrombles	Montenqy Indre
Delorme Ducarougé	— Kigny s Arroux	Vizy Saône et Loire	Pleuchat, Désiré	l Ome Guet n Aiz	Chatel de N èvre All er
Delme —	Tren oles	Dun s Auton Cher	Pourneau Armand	Montgoubi n	St Beun d Azy N èvre
Dernay Pierre	Toul n Husay	Courgeny N èvre	Pregermain Lucien	Nagny-Cours	N èvre
Dernault —	La Chasse	Sainta re N èvre	Ratheau —	Croyd	C ne Tantiury N èvre
Deschamps Lucien	Trémigny	Barbu Cher	Raverdy	Laumont	St Pierre le Moutier N èvre
Dion Alfred	Villon	Boyer Saône et Loire	Rouge — de	Chevennes	Jaugenay N èvre
Dionne Pierre	Larvolot	Allier	Rutile —	Chavagne	C ne de Chapais All er
Count de	Cressanges	St Pierre N èvre	Schneider —	Apremont	C ne d Achun N èvre
Drele de Count de	Sully s	Châteanneu Cher	Séguin —	Crol de Savigny	Cuffy le Guét n Cher
Dul n de la	Saône et Loire	St Bonnet de Joux	Simon Jacques	La Chaume	l lacy N èvre
Saône et Loire	Balkere	Saône et Loire	S mphil Louis	La Valotte	St Pierre N èvre
Ducarougé Pierre	Balkere	Saône et Loire	Strot Irères	St Touresse l Espinasse	St Ben n d Azy N èvre
Dumazet Antonin	Fip nassy	Saône et Loire	Souchache Louis	St Menouse	All er
Duret, Auguste	La Butte	Saône et Loire	Souachelet Pierre	Chan pa gne	Soire gny All er
Durlat Claud us	Vitry s Lo re	Saône et Loire	Rhinay	Magny-Cours N èvre	
Lemoine —	Moutet	Saône et Loire	Thibault Achille	Moutapay N èvre	
Eclaire de St Georges	Cossouray	l p n d Cher	Thibault René	Liery N èvre	
Vernouille	Nervangues	Saône et Loire	Tiermont er Charles	Gmouille N èvre	
Famier Pierre	Tres l e	Mars s All er N èvre	Toull n Irères	l lacy N èvre	
Famier l Bourd	N èvre	St Pierre Laval	Tou n n Jacques	St Pierre N èvre	
Famier Henri	St Pierre Laval	Allier	St Ben n Louis	Prémery N èvre	
Famier Pierre	Ouveau	Mars s All er N èvre	Trécon Aubigny	Antennes Indre	
Faumont et Boud	Sully le Chatel	Saône et Loire	Valence de —	Al er	
Faumont M de	St Julien de Civry	All er	Valen le	Prémery N èvre	
Fauvel —	l lacy	Arcey AL er	Vas n de Nide	Chauy Saône et Loire	
Fay er Pierre	La Motte	Charent n du Cher Cher	Venne du —	Antennes Indre	
Fay er M de	Lac		Ville Louis	Al er	
			Villey Jean	l lacy N èvre	

PROMINENT BREEDERS (contd.)

FRENCH MAINE ANJOU CATTLE (contd.)

Héreau — La Grande Roche St Laurent des Mortiers Bureé Mayenne	Pacreau — La Veillerie St Mesmin Vendée
Hougon — La Metairie Châtelleraupais L Inf	Parris — Créalès Cossé en Champagne Mayenne
Houma — La Ronce Parné s Rôl Iutrammes Mayenne	Peltier Jean — La Chesnaie La Guerche de Bretagne Ille & Vil
Janvier — La Minetteuse St Gennes le Robert Mayenne	Peltier Louis — La Rhetère Le Lion d'Angers M & L
Landeau — Le Moulin Fumé M ré Morannes M & L	Peslerbe — Bonneval Ruffigné St Aub n des Châteaux L Inf
Landeau — La Hussongère Bouère Mayenne	Pinson L — La Nonnerie Aré Mayenne
Langlois — Panivard Balle Mayenne	Pivert — Le Métel Mazé M & L
Lanau — Varenne Epineux le Séau n Cossé en Champagne Mayenne	Reau — Comté de Bois Piel et Châtillon Sèvres Deux Sév
Lehoucq — Alloué Rochersvère Vendée	Reveau — La Béquinière St Mesmin Vendée
Le Goua s Yves La Barre David St Sulpice des Landes L Inf	Reze Louis — La Coquel nère Auvers le Hâmon Sarthe
Lehoucq Lou s Au Fresne St Aignan n Rôt Mayenne	Ricoisset Jules Jarné s Roc Entrammes Mayenne
Leroux Jules Aux Feux Corvé s Vivien Mayenne	Rouge V comte O de Les Rues Chenillé-Chambellay M & I
Leroux Henri A Fougeray Cossé le Vivien Mayenne	Rubin — La Vallée Domagné Ille & V I
Louison — Les Petites Landes Châtreaux la Forêt Evron Mayenne	Sauzeau — La Petite Chau sée Le Lion d'Angers M & L
Ménot — L'Opérée St Mich la Rôt Mayenne	Sautereau et Poupponeau La Gumaçière La Chapelle Heulin L Inf
Ménot — La Petite Suhardère La Selve Craonna s Mayenne	Therailière de La La Touchasse Cennes s Glaise Longuefuye Mayen e
Morneau — La Motte Prieau Le Buret Grez en Bouère Mayenne	Therault Lebreton — Au Pont Apremont Vendée
Mouchet — Marcel Les Angevinières St Loup la Dorât Mayenne	Trédern V scoutless de L Isle Briant Le Lion d'Angers M & L
Orain — La Rousselière Châteaubriant L Inf	Troque La Fontaine — St Fort Château Contier Mayenne
Orhand — Paul Argenté du Plessis Ille & Vil n e	Viot Lou — La Mancellière B erné Mayenne

FRENCH MONTBÉLIARDE CATTLE

Ballot —	Corbenay	Hte Saône	Lambert	St Léger Vauban	Vonne
Clerget Louis	Lavans	Doubs	Macier	Eucary	Doubs
Colcombet —	St Genest Lerpi	Loire	Mamet —	Mortreau	Doubs
Croquet Maurice	Romanèche Thorans	Rhône	Mamet —	Mortreau	Doubs
Faure Henri	Le Russey	Doubs	Marchal —	Acey	Jura
Gravère A Julien de la	Bierre les Semur	Côte d Or	Nart n Auguste	Betancourt	Hte Saône
Grougnot —	Vaconot		Ménétrier Albert	Dampans	Jura
Jacquinet —	Chenevy	Hte Saône	Pelletin	Soules	Doubs
	Dommarin	Hte Marne	Pidault		Saône et Lo re

FRENCH FLEMISH CATTLE

Adriaens —	Louches Pas de-Calais	Deccooc Léon	Mardyck Nord
Andrieux Raol	Gézaucourt Somme	Defort Lise	Meteren Nord
Asseman Achille	Flette Nord	Degraeve Charles	Hatebrouck Nord
Bacy Georges	Meteren Nord	Degraeve Maurice	Hatebrouck Nord
Baert Julien	Pitgam Nord	Degrad Remy	West Cappel Nord
Balsau Gabriel	Gouray sur Aronde Oise	Degrendel Albert	Meteren Nord
Barbez —	Bergues Nord	Degrenel Joseph	Meteren Nord
Bastard Gustave	Cassel Nord	Degroote Charles	Morbecque Nord
Batt Baron de	Zutkerque Pas-de-Calais	Degroote Gaston	Cassel Nord
Baudelocque —	Nillencourt Somme	Degroote Rémy	Zermetele Nord
Beck Camille	Bailleur Nord	Dehaene Georges	Wormhoudt Nord
Beckandot Gustave	Hoyin le Nord	Delabarre Mide	Armouits Cappel
Bernard Marcel	Anor Nord	Delannoy Léon	Wartoy Bailion Somme
Bilhaut Albert	Ailly le haut Clocher Somme	Delassus Henri	Vieux Berquin Nord
Blondel Germain	Bamberque Nord	Delassus Louis	Borre Nord
Blondin Georges	St Léger les Bataart Somme	Delattre Mide	Boilesterle Nord
Bollenpiper Elie	Houtkerque Nord	Delbecque Emile	Warmon bas Nord
Bondel —	Saunghin en Mélaunus Nord	Deleau F m le	Mont-en Ternois Somme
Botte-Delatre —	Brème les Ardres Pas-de-Calais	Delvaer Jules	Zuytpeene Nord
Bouche Emile	Bailleur Nord	Delwa de Charles	Caneby Somme
Boulogne Alfred	Gézaucourt Somme	Demary Henri	Vieux Berquin Nord
Bourb er André	Gouray sur-Aronde Oise	Demol Rémy	Noordpeene Nord
Boutiller Jules	Sach n les Terres Somme	Demorsy Fernand	Ménés-en-Santerre Somme
Bout que Mide	Emery Hallon Somme	Denis Léon	Va lencourt Somme
Boux n L	Rougeries Aisne	Depecker Aimé	Ledringhem Nord
Bræms Adrien	Cassel Nord	Depoort Léon	Crochte Nord
Breche Julien	Merris Nord	Dequidt Georges	Oxlaere Nord
Briet Mofse	B gny St Maclou Somme	Dequidt Omer	St-Sylvestre-Cappel Nord
Briou Albert	Blancourt Somme	Deram Constant	Merckebœn Nord
Brybaert Jules	Hatebrouck Nord	Deram Lucien	Mettele Nord
Clairud Mide	Flys Somme	Derny Charles	Dourus Somme
Callet Lambert	Landrezieux Nord	Desore Paul	Wallon-Cappel Nord
Careye Cynille	Bailleur Nord	Desmarecaux Jean	Castele Nord
Carpentier E	Beuvaul Somme	Desnarte Lucien	Steenwoude Nord
Carré Louis	Hedouville Somme	Deverv —	Hatebrouck Nord
Carmel e Raol	Englebehem Somme	Devillers Etienne	Houppemaillon Somme
Cateau Charles	Merris Nord	Devalle Rémy	Hambeque
Clefy Auguste	Laquelbecque Nord	Dewitte Remy	Kallem Nord
Cockenpot George	Wormhoudt Nord	Dewulf Richard	Hatebrouck Nord
Codroz Maurice	Vendin en Bethune Somme	Dhaers Louis	Mully Maillet Somme
Colpaert Charles	Honschoote Nord	D'Hondt Henri	S razele Nord
Costeboule Jules	Merris Nord	Dhier Rémy	Hatebrouck Nord
Couders le Arnaud	Herzele Nord	Dormeuil Jules	Marqwal Aime
Coulon Paul	Forest Mont en Somme	Douchepourty Paul	Vieux Berquin Nord
Crepin-Saint Léger	Hermès O s	Dubruil —	Le M Ward Somme
Crotailie Maur ce	Riben les-Crotois Somme	Dupel Camille	Varennes Somme
Damadé Xavier	Varennes Somme	Dupr t Mide	Forest Montiers Somme
Dangreville Gaston	Mully Maillet Somme	Durert J B	Vieux Berquin Nord
Daugh n Oscar	Hennegart Somme	Dusselval Eugène	Brucemaillon Somme
Debeidit Denis	Basinchove Nord	Duytsche Pierre	Or Anrope Somme
Debergh Charles	Hambeque Nord	Eloy Famile	Hatebrouck Somme
Debloudt Géral	Remesure Nord	Etienné Gaston	St-Omer-en-Tournout S en
Debril Henri	Trarcon Nord	Favard, Charles	Polvichy Somme
Debril Maurice	Chivelle Nord	Jacquet Jules	Merris Nord
Debruyne Lm le	Quaderpe Nord	Jacquet er Al bert	Houppemaillon Somme
Debruyne Abdon	Wormhoudt Nord	Jermes-Lou e de Houyroy les-Merles Oise	
Decherf Abdon	Vaubourg-Campagne Nord	Flanire M s	Flys Somme
Decherf Paul	Vaux Berquin Nord	Fossart Fm s	Laquelbecque Nord
Decker Charles	Merris Nord	Fulmon A tne	Ort-Cappel Nord
Deckerck Jules	Bailleur Nord	Franchies Marcel	Barn Lové Nord
Deceussies J	Vaubourg-Campagne Nord	Frerey Charles	Nord, Somme

PROMINENT BREEDERS (contd)

FRENCH NORMANDY CATTLE (cont'd)

Roussel J ^e Henri de	Les Vaux de Cernay	Aulfargis S et Orse	Tessier Paul	Contremoulins	Fecamp S Inf
Rousselle Jaul	Fifrel	Lis aux Calvados	Toqueville de Repé	Toqueville	Bureau de Poste Manch
Roussel Loyer	Champerle	Ilazoches au Houline Orse	Toulouse Lauter,	Mordelles Le	Bureau de Poste Ile
Routier André	Coudede	Chambo s Orse	Count de	Haschoia	V lane
Samson Albert	Fumet on	Bureau de Poste Calvados	Velay Guy	Athis	Bureau de Poste Orne
Sanson Sebeville	Eta	Distville Manche	Wasterville de Count	Allardoux	Bray Lu S et O se
Sanson Edouard	Etahus on	Bureau de Poste S Inf	Wemster Raymond	Desnany	Aunry S Inf
Savary 1 ^{er} tre	Planquerry	Baillorey Calvados	Yonnet Aimable	St Nicolas de	Coutances Manche
Schneider —	Confreville L Orcher	Harflur S Inf		Coutances	
Société Nays	Bonniers sur Seine	Bureau de Poste S et Orse	Yvards Jules	St Germain de la	Fresnays Sarthe
Songuet Count de	Amber	Rugles Laure		Coudre	
Terré Lou S	Ritville	Mallot Calvados			

FRENCH LIMOUSINE CATTLE

Ballot d'Etréaux Gabriel Château de Brutines le Châtenet en Dognon, Hite Vienne
Bancel — Château de Magnac Laval H V
Brossaud Avenue II Boulevard Victor Hugo Limoges
Bruchard Marc de Château de Vaux St Leonard Hite Vienne
Chauvaud — Romanet Cne de Limoges Hite Vienne
Delhote Jean Courteix Hite Vienne
Delouze — Montbon Charente
Duchâteau du Puy Mathieu le Vigen Hite Vienne
Demariat André le Vigen Hite Vienne
Descazeaux Jos ph 18 Rue Eie Berthet Limoges
Desalles — 50 Avenue de J. Net Limoges
Dutrex J erre Petit Bonfond Commune de St Just Hite Vienne
Fou Nall J enn Le Pic Beynac H V
Fouillaud Jean La Foul tierre le Vigen H e Vienne
Foustat Em le Nvill Hite Vienne
Grellier Camille Maenac Laval Hite Vienne
Grenat 8 Rue Jean Nouilhier Limoges
Lande des Auguste Count Neuvilliers St Bonnet Brancie Hite Vienne
Labordere Jean Marais La Coquette Ville L'Avey (Se ne & Oise)
Laplagne, II Avenue de la Garre Limoges
Laplagne — Aux Vaux Commune de Verneuil-Sur Vienne Hite Vienne
Laplaud Martial Avenue Ernest Ruben Limoges
Laplaud François Courteix Hite Vienne
Le Play Pierre Château de Ligoure Commune de St Jean de Ligoure Hite Vienne
Liboutet — St Hilaire les Placres H V
Pascaud Edouard Château de Chasseney Charente
Quintal Emmanuel Forge de Champlaurier Neuil Charente
Rouby 8 rue Jean Nouilhier Limoges
Rouveroux Ernest 16 Rue Brossaud Limoges
Royeroux Ernest 16 Rue Brossaud Limoges
Samie — Chemin de Ste Claire Limoges
Synd cat D P Pans on de la Race Limousine 82 Avenue de Ju Net Limoges
Tancat de Marsac Château de Brignac Royères H V
Tarrade au Mas, Commune de Nexon Hite Vienne
Tardat Docteur Château de La Forêt Hite Vienne
Teyraud 2 Avenue de Ju Net Limoges
Veyras François Puy Mauzy Commune de Courcy Hite Vienne

FRENCH SALERS CATTLE

Andrieux —	Lap erre	Commune de St Paul de Salers	Jossany —		St Bonnet de Salers
Andrieux —	Laybros	(Cantals) Commune de St Bonnet de Salers	Jouve —	Labesseyres	Commune de Champs
			Juillard —	Vais	Commune de Lamoure
			Labro —		Gout de Mamou
			Lande —	Gaspard	Commune de La Chapelle d'Alagnon
Benoist Aux Jac		Commune de Virargues			
Besse —	0 Rue de la Brude	Aurillac	Liaubet —	Lesoudier	Commune d'Aurillac
Bonal —	Montbely	Commune de Naucels	Mallet —	Beynaguet	Commune de Freix Anglards
Bonafé —	Lascans ix	Commune d'Aurillac	Monteil —		Trizac
Berli —	Comblat le Pont	Commune de V e sur Cère	Mouret —		Commune d'Aurillac
Bouquet —	Rumbar	Commune de Vézac	Mourguy —	Massagou	Anglards de Salers
Bouysseu —	Claux	Commune de Naucelles	Pissavy —		Chavagnac
Chabanon —	Chapelle	Commune d'Anglards de Salers	Pissavy —	la Cordoue	Commune de Ségur
Chermol —	Larocbe	Commune de Loupian	Poudouzer —	Lamarrie	Commune d'Ytrac
Civiale —	la Blossonnière	Commune de Chavagnac	Pouderoux —	Toussouze	Commune de St Bonnet de Salers
Couze Vellès —	Montcam	Commune de Vézac	Reychat —		Virargues
Couze Velle —	Con blat le Chateau	Commune de V e sur Cère	Reychat —		Commune de Jussac
Coudere —	Fno gny	Commune d'Aurillac	Reyt —		Céliez
Dauriet —	Chomel	Commune de St Paul de Salers	Sarra les —	Palbès	Commune de St Bonnet de Salers
Delmas —	Bouysseu	Commune de Crandelles	Sarra les —	Fosse	Commune de Menet
Dru t —	Marnesse	Commune d'Aurillac	Souquy —		St Mamet
Dufaret —	la Rouse lles	Commune de Mauriac	Trepast M. —	Cambon	Commune d'Arpajon sur Cère
Eilat —		Chaussecac	T sand e —	la Grille	Commune du Chaussecac
Faucha —		Harnac	Vidaluc —	Bruel	Commune de Nédun
Fra Lère —	Chan bon	Commune d'Anglards de Salers			
Arrelle —		St Paul de Salers			

FRENCH MAINE ANJOU CATTLE

[illegible]

PROMINENT BREEDERS (contd.)

FRENCH MERINO SHEEP

Allard Louis	Dorville	Vocent le-Roi, Eure et Loir	Goss —	Chéroy	Yonne
Bachelier Paul	Mormant	S & M	Gore H	3 Rue des Fontaines	Gisors, Eure
Baillon Paul	Fenne del Epinay	Dreux Fure-et-Loir	Guchard —	La Pouterie	Thoungy-sur-Orreux Yonne
Baillon Pierre	aux Yeux Bleus	Dreux Fure-et-Loir	Hervilly —	Savy	Roupy Aisne
Boissau Georges	Villeneuve	Dammartin S et M	Houze	Perme de Sébastopol	Clermont Oise
Boissau Gustave	Chantemerle	Le Plessis Belleville	Lamarault	Arrière au Perche	Eure et Loir
Buisson H	Bois-Cuvier	Commune de Saint Luc Eure	Lauvray	Rue de la Préfecture	Evreux Eure
Cabaret B Jencelles	Courville	Eure et Loir	Lefebvre R	L'Eclanier	Namur Oise
Contrat —	Marcheville	Magny Eure et Loir	Legendre —	Levéville	Bailleur l'Evêque Chartres
Charpentier Ernest	Villiers Boigneux	Thoungy-sur-Orreux Yonne	Maisons, Cesar	Ferme du Ballast	Châteaufort Thumerus Eure et Loir
De Vallerand —	Villatouche	Bray Ld S et O	Maisons Gilbert	Mignières	Eure et Loir
Delacour F	Goutangreux	Us S et O	Maria, G	Saint Laurent la-datine	Vallenois Eure et Loir
Dhuicque —	Brégy	Oise	Misson P	Bessay	Voves, Eure et Loir
Dore —	Fresnelles	Ecours Eure	Moquet —	Isles les Villenois	S et M
Dreulle De	Dreulle	Cressanges, A. et	Perrot Jean	Brégy	Clermont Oise
Dumont —	Rouvillers	Estreux Saint Denis Oise	Profet D	Lamécourt	Mulden Oise
Forêt, A	Petit Chavernay	Meslay-le-Valade Eure et Loir	Seblin —	0 Place des Terres	Paris
Fournier René	Buquet	Tournay Eure	Soyer —	Plaisir-Grignon	S et O
Garnier Paul	Mav-en-Multien	S et M	Syndicat du	Saint Valerien	Yonne
Goux —	34 Rue Saint Savournin	Marcelle Bouches du Rhône			
Godet —	Ferme de Souleux	Saint Leger Trévies Aube			

FRENCH MERINO SHEEP

Barbier Paul	Grancey s Ouche	Matrat Paul	Mosson Brien s Ouche
Bernard Henri	Etormay Baumeuse-les Juifs	Monneget Octave	Pousseil la Ville Baumeuse-les Juifs
Bertrand Joseph	Baumeuse-les Juifs	Normier René	Châtillon s-Seine
Bornot Julien	Jours Baumeuse-les Juifs	Picard Louis	Fontaines Villaines-en-Duesmois
Charbonneau Frères	Fontaine Villaines en Duesmois	Poissonnier Jules	Jours Baumeuse-les Juifs
Chancé Ferd nand	Pu is Coulmier-le sec	Portet et Cam le	Bon Expor Alcy s-Seine
Dumont Pierre	Fontaine Villaines en Duesmois	Paul n A	Echards Vaux Saules
Fleuret Edmond	Montoli Châtillon s Seine	S rdey Henri	La Fol e Baumeuse-les Juifs
Gradener Louis	Po seul la Ville Baumeuse-les Juifs	S rdey Ernest	Lavilleuve-les-Coyers Darcey
Japout Louis	Grancey Emery Châtillon s-Seine	Toulouze Viard	Beaul ru, Aignay le-Duc
Maitre Col	Châtillon s-Seine		

FRENCH COTENTIN SHEEP

Duvernon Charles	Turpeville S e Mère-Eglise La Manche	Letablier G	Treauville Flamanville La Manche
Duvernon Octave	Séberville Bloisville La Manche	Marie, Edmond	Saint Marie-du Mont La Manche
Féron Jean	Gatteville La Manche	Marie Octave	Brucheville St Marie du Mont La Manche
Jéhane George	Déville La Manche	Samson Samson	Séberville Bloisville La Manche

FRENCH YORKSHIRE ETC PIGS.

Agnicole Su Saint Non la Bretonne S. et-O	Large White Yorkshire	Lauriere R. de Châteaud de Fourn is près Mussidan, Large White Yorkshire
Antoine-Max Le Perray S. et-O	Berkshire	Dordogne
Aubert Alfred Domaine de la Boul e Pelissanne	Large White & M 3lle	Lavonne Frères Au Bosc-aux Moines par Doude- Large White Yorkshire
B-du R	White Yorkshire	ville Seine-Inf
Bertrand Mlle La Flouquette St Nonion Grande	Large White Yorkshire	Lazard Christian Ferme de Massan Grosrouvres Essex Pig
Bertrun G F Châteaud de S ru n Leman Grande	M 3lle White Yorkshire	S et O
Binière de la — Châteaud des Quatre Vents	Large White Yorkshire	Leroy M Le Fougereux par Costé-le-Vivien Craonnaise Pig
Post ers Vienne	Craonnaise Pig	Mayenne
Bouteau Jules La Coquerne Laubrières Mayenne	Craonnaise Pig	Louveau Francis Les Masses Ballots Craonnaise s Pie
Caille	Bayeux Pig	Lustac Marquis de Sainte-Catherine-de-Herbas M 3lle White Yorkshire
Bourgeois Baron de Trac sur Mer par Arro-	Bayeux Pig	Indre-et Loire
manches Calvados	Berkshire Pig	Masouard R de Baronville près Bayeux Calvados Bayeux Pig
Calvaisse & Chabrin Roscourt St. Martin Aisne	Large White Yorkshire	Monteynard Compt H de Le Colombe par Saint
Carré Joannes Domaine du Mas-Bouchy Dom-	Large White Yorkshire	Baudet Cher
petre A S O	Large White Yorkshire	Papet Jean Royaumont Assenay-s-Oise S & O
Centre Zootechnique du Closry Bardin — Clos Ry	Craonnaise Pig	M 3lle White Yorkshire
par Marigny Nièvre	Large White Yorkshire	Pensa R Domaine de Royaumont par Vismes M 3lle White Yorkshire
Châteaud de Securin Lignan Grande	Large White Yorkshire	S et O
Domaine de Belleu Mareuil sur Belle Dordogne	Bayeux Pig	Piketty Paul Domaine de la Noce par Trivert
Domaine d'Errot Marbottuy Andolot Hte Marne	Large White Yorkshire	Piquereau — L. Louet Deux E & L Large White Yorkshire
Domaine de Gl selles par La Banneville Fure	Large White Yorkshire	Piquereau — St Jean les Deux Jumeaux Seine & M 3lle White Yorkshire
Douard — La Fanchu lière Dunois Eure	Bayeux Pig	Marie
Dubois Ch., L'Erme de Beaumont par Cumi n Aube	Craonnaise Pig	Poguin Tranquille Basse S. et Calvados Bayeux Pig
Durand G bert Baron Oise	Large White Yorkshire	Quatrebarres Count de La Lande par Craon Craonnaise Pig
Durand Dr Châ rau de la Saussaye par Sours	M 3lle White Yorkshire	Mayenne
Eure-et-Loir	M 3lle White Yorkshire	Repassard Mlle La Boutonnier Lison par Essex Pig
Elisère de la Genevrière Roscourt Saint Martin	Berkshire Pig	Saint Marbun Maignet Loire
Vienne	Large White Yorkshire	Robain — M 3lle White Yorkshire
Ferme D'Apprenissage Agricole de Bel Air Br s	Large White Yorkshire	S. et O
sous l'Erpe s et O	Large White Yorkshire	S. et O
Foullet M Charny Sabotet Loire	Large White Yorkshire	S. et O
Gossel — Domaine de Sainte-Martin-au-Fauc par	Large White Yorkshire	S. et O
Group 1 Universal Seine-Inf	Large White Yorkshire	S. et O
Inst tut National Agricole 16 Rue Claude	Large White Yorkshire	S. et O
Bernard Paris	Large White Yorkshire	S. et O
Jouet — Ecole Nationale d'Agriculture de Large White Yorkshire	Large White Yorkshire	S. et O
Lambert — M 3lle White Yorkshire	Large White Yorkshire	S. et O
Lange F s M 3lle La Commune Neu et de par	Large White Yorkshire	S. et O
Ouvri e Seine-Inf	Large White Yorkshire	S. et O
Laclaud, Martial 36 Avenue Ernest Rulien, Large White Yorkshire	Large White Yorkshire	S. et O
Lampes Hte Vienne	Large White Yorkshire	S. et O

PROMINENT BREEDERS (contd.)

FRENCH PERCHEROIS HORSE (contd.)

Renard Jules	Tuileries Nogent le-Rotrou E & L.	Tafforeau Victor	Cour Souvigné sur Mène Sarthe
Renou Louis	Salle Lechaufour Orne	Tess au Fernand	Cartonniers St Patern Sarthe
Richard Victor	Faux St Jean-de la Forêt Orne	Thibault Athanasie	5 Route de Paris Alençon Orne
Rombault Henri	Gué Doullay Lo saill Orne	Tison Albert	Castine Harville Orne
Roussel Louis	Temp ceterie St Germain du Corbéis Orne	Toutant Gilbert	Queux Masles Orne
Royer René	Méday Amou sur Orne Orne	Treçu Jules	Nouchère St Jean de Blavon Orne
Sagot Félix	10 Rue Rhône Nogent le Rotrou E & L.	Truptin Ernest	Roche Souvigné sur Mène Sarthe
Sailiant Léon	Dunlay La Chapelle du Bois Sarthe	Valée	Rue Gare Mortagne Orne
Savon Frères	Raveton St Nicolas de Sommeville Orne	Valée Louis	La Cour Heilou le Trichard Orne
Savin François	Log s St Léger sur Sarthe Orne	Valpignon Henri	Ménil Hubert en Exmes Orne
Soussier Achille	Cranday Sées Orne	Vassort Louis	Terre Tellères le Plessis Orne
Simon Adolphe	Habillerie Souancé E & L.	Vaux Adrien	Beaucerie St Jean de Blavon Orne
Simon Eugène	Ilessis St Hilaire sur Erre Orne	Vaux Albert	Delain St Jean de Blavon Orne
Souvé Jules	Brettonnère Nocé Orne	Vaux Louis	Breu St Jean de Blavon Orne
Streel Robert	Ros Heux Laigle Orne	Vigneron Cénéri	Blavette Harville Orne
Sureau Auguste	Chaillois St-Mar-de-Réno Orne	Villette Gate	Rue St Laurent Nogent le Rotrou E & L.
Tacheau Auguste	Duron Cherré Sarthe		

FRENCH ARDENNE HORSE

Adrian —	Bénig Moselle	Koenig —	Dordhal
Albrèque —	Ornos sur	Laurent —	Peltre
Bailet —	Baronville	Ledure —	Borny
Beilanger —	Veymerange	Lejeune —	Fouligny
Bernard —	Destry	Lorain —	Go n
Bdon —	St Eloy Woippy	Louyot —	Sanry-sur-Méd
Bidon —	Urville	Louyot —	St Thibaut
Blanchard —	Delme	Mahon —	Jallouin
Bonnetier —	Réchicourt le-Château	Vaire P	La Walhouse
Borsenberger —	Ven le Chapelle-Grostenquin	Mangun —	Puche
Borsenberger —	Werskirch	Marmier de	Lanlonviers
Bourguignon —	Thurcy	Martin —	St Hubert
Caballot —	Alaincourt	Marx Eug	Mancourt
Calba —	Grigy	Mathieu —	Loyville
Champigneulles Ch	Amanvillers	Matte —	Ban-st Martin
Claude J	Haute Rive	Michaux —	Bertrange
Corbédage —	Thicourt	Morhain —	Go n
Cornier J	Morlange	Muller —	Witting
Corsaint —	Kode	Nafziger —	Gross Wessinghof
Deshayes —	Acha n	Obelliane —	Magry
Dreudonné Ch	Saival	Palmer G	Lagrange
Duney J	Granges aux Dames	Pataud —	Gravillotte
Dorey —	Marly	Petit —	Donjeux
Ensminger —	Fourcheux	Petitgand —	René Buy
Laillot —	Rataviller	Perrard J	Ferme Tuileries Faulquemont
Escard P	Ans Laguenexy	Pierson —	Arta nouet
Gaziz —	Il court	Reeb, Henri	Singling
Grenon s	Aulnois s Ile	Remy —	Mécleuves
Girard —	Pouéux	Remy —	Vat mont
Godfrin —	Vernéville	Richard —	Marmont
Gouth —	Grimont	Schmitt —	Merten
Grand d'er —	Bischwald-Grostenquin	Scholtus J	Brieux
Grand d'er —	Baronville	Schrecklinger —	Ferme du Sobel p Dalem
Grand d'er —	Juville	Sequit —	Bute
Grand d'er —	Lesse	Solvay Mde —	Gorze
Grosse —	Sarlatroff	Sommermann —	Moyenvic
Guelle —	Rode	Sornette —	Pozieux
Haushalter —	Femme Champion Wgy	Soudoux —	Alaincourt
Haushalter —	Wgy	Stemart —	Chateau Bréhan
Hellenger —	Pontpierre	Stemart —	Harprich
Hen Joseph	Dreling	Tabary —	Moncheux
Hennegou —	Landremon	Tharotte —	Lekange
Hennon —	Sécourt	Thisse —	Améliecourt
Hennon —	Vintrage	Thullier —	Harville
Hirschberger —	Champel	Thullier —	Courcelles s Méd
Holz —	Illérange	Thullier —	Heilfedange
Huot —	Amanvillers	Thullier —	Moul n Neuf
Jacques —	Francloischaux Woippy	Vincent —	Villers Laguenexy
Jeanbille —	Aulnois s Belle	Vinson —	St Georges
Jordy —	Lorrylès Metz	Vuillaume —	Coin
Junk J	Hon marting	Walzer —	St-Hubert
Keller Ch	St-Eloi Woippy	Weber —	Bassepierre
Kempich —	Haute Bloué	Wardel —	Arta nouet

FRENCH TRAIT DU NORD HORSE

Rasquin Maurice	Catillon-sur-Sambre Nord	Crepin-Saint-Leger	19 Boulevard de la Liberté Lille Nord
Rasquin Georges	Rue de Toucy-n Marcq-en-Baroeul Nord	Harthony Charles	Forêt Bouviers Nord
Riviereau Lucien	Chantemerle Mias s Belles Ile S-et O	Dara ne, Emile	Sat Amand-lez-Laux Nord
Rouillon Georges	Pontpierre Nord	Hendubry Pierre	Norvillers-Secles Wat eniles Nord
Rutrov Anrile	Méchainville Commune de Renansart Aisne	Hugh Jure Henri	Rachant Pont-sur-Sambre Nord
Bruchmont Liermant & Cie	Pont sur Sambre Nord	De Luichen	Boistrancourt Casterledes Nord
Ruyere Gaston	Dimechaux Nord	Herdard Joseph	Hautmont Nord
Rupin Léon	Bertre Nord	Hilse Jean	Croix Fontenette A ace
Canonie Fernand	Saint-Python Nord	Hilaire Labalette Léon	Croix Boues Nord
Carlson Fernand	Saint-Python Nord	Hilaire Léon	Ferme de la s Chale Aisne
Carlier-Catart Jules	Saint-Python Nord	Hilaire Léon	Riprard Belenvent A ace
Carlier-Picquart	Saint-Python Nord	Hilaire Léon	Saint-Sauveur Nord
Carlier-Catart	Saint-Python Nord	Hilaire Léon	A ace Nord
Carpiette Emile	Saint-Python Nord	Hilaire Léon	A ace Nord
Cavonne Paul	Saint-Python Nord	Hilaire Léon	A ace Nord
Chaillet Léon	Saint-Python Nord	Hilaire Léon	A ace Nord
Chevalier Léon	Saint-Python Nord	Hilaire Léon	A ace Nord
Collet Henri	Saint-Python Nord	Hilaire Léon	A ace Nord
Compagnon Fernand	Saint-Python Nord	Hilaire Léon	A ace Nord

PROMINENT BREEDERS (contd.)

FRENCH PERCHERON HORSE

<p> <i>Soret, Colomard, Orne</i> <i>St Quentin-de-Blavou, Orne</i> <i>Rousseleire, Ferté Bernard, Sarthe</i> <i>Rues Vertes, Ferté-Bernard, Sarthe</i> <i>Burazière, Avézé, Sarthe</i> <i>Moulins la Marche, Orne</i> <i>Ferme-Neuve, Dorcéau, Orne</i> <i>Touche, Nogent-le-Rotrou, E. & L</i> <i>Bréant, Le Gué-de la Chaîne, Orne</i> <i>Boulays, Argenvilliers, E. & L</i> <i>Coâteau d'O, Mortrée, Orne</i> <i>St-Victor de Buthon, E. & L.</i> <i>inière, Laleu, Orne</i> <i>Belhouse, St Aubin des-Grois, Orne</i> <i>St-Aubin d'Appenay, Orne</i> <i>Suré, Orne</i> <i>Barville, Orne</i> <i>St-Hilaire-le-Lieru, Sarthe</i> <i>Le Gué de la Chaîne, Orne</i> <i>Juilen sur-Sarthe, Orne</i> <i>Mesère, Orne</i> <i>u, Sarthe</i> <i>Bellavilliers, Orne</i> <i>d'Appenay, Orne</i> <i>1-Saonnais, Sarthe</i> <i>Orne</i> <i>uisne, Orne</i> <i>uisne, Orne</i> <i>re</i> </p>	<p> <i>Gohory, Léon</i> <i>Gouhier, Joseph</i> <i>Grouas, Antonin</i> <i>Grouas, Fernand</i> <i>Guidon, Ernest</i> <i>Guillin, Alfred</i> <i>Guillin, Jules</i> <i>Guitard, Raymond</i> <i>Hamelin, Adrien</i> <i>Hamelin, Albert</i> <i>Havard, Emile</i> <i>Henriet, Jules</i> <i>Houalet, Edgar</i> <i>Huberson, Ernest</i> <i>Jardin, Arsène</i> <i>Jarry, Victor</i> <i>Jousset, Albert</i> <i>Jousset, Marie</i> <i>Lamperrière, Abel</i> <i>Largerie, Auguste</i> <i>Lavie, Philibert</i> <i>Lecourt, Louis</i> <i>Lecreux, Emile</i> <i>Ledru, —</i> <i>Lefevre, Georges</i> <i>Lehoux, Albert</i> <i>Lemone, Gustave</i> <i>Leroux, K</i> <i>Lesault, Georges</i> </p>	<p> <i>Chesnais, Buré, Orne</i> <i>Ste Gaudouze, Orne</i> <i>Rue Nationale, Mamers, Sarthe</i> <i>Pont Lucé sous-Ballon, Sarthe</i> <i>Merlerault, Orne</i> <i>Coulmer, Orne</i> <i>Locherie, Le Pin la Garenne, Orne</i> <i>Mortefontaine, Cussai, Orne</i> <i>Traverse Bellavilliers, Orne</i> <i>Bas Buret, Bellavilliers, Orne</i> <i>Grilles Mahéru, Orne</i> <i>Cour, Semallé, Orne</i> <i>Bouteillères, St Maixent, Sarthe</i> <i>La Borde, Cherré, Sarthe</i> <i>Vauvieux, Fervinchères, Orne</i> <i>Hazes, St Aubin d'Appenay, Orne</i> <i>Heudiarce, Coulmer, Orne</i> <i>Rovauté, La Mesnière, Orne</i> <i>Breuil, Champeaux sur Sarthe, Orne</i> <i>La Cour Semallé, Orne</i> <i>Bourg Roullée, Sarthe</i> <i>Pescheleches, Venes de-Bourse, Orne</i> <i>Chaussée, St Paterne, Sarthe</i> <i>Savardière, Tuffé, Sarthe</i> <i>Médavy, Orne</i> <i>Vaux-Doré, Contilly, Sarthe</i> <i>67, Rue d'Argentan, Alençon, Orne</i> <i>Plache-du Houx, Préval, Sarthe</i> <i>Crochetière, Dame-Marie, Orne</i> </p>
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The Shorthorns in Germany.

By HUGH NICKSON 23, Fleet Street London

Live stock breeders know that it is much easier to lay the foundation of a herd of prominent animals for the purpose of breeding a type of cattle in a certain direction than to maintain the herd at a high pitch of performance as the years pass by, and perhaps this applies even more to the Shorthorn cattle than to many other cattle breeds. The reasons are evident to all who have founded herds. In Germany, however, where the Shorthorns have only been bred during, comparatively speaking, a short time, remarkable progress has been made, and they have improved in quality from year to year while the number of admirers of this particular breed has been steadily increasing so that the Shorthorns may now be stated to have become at least in certain districts, a permanent feature.

Shorthorn breeding in Germany is centred round about the towns of Eiderstedt, Husum and Tondern in Schleswig Holstein, a district which is interesting and notable in many respects as there to day a system of farming is in vogue which has developed on unique lines. The land here is protected against the encroachments from the sea through a most intricate, really marvellous system of dykes, trenches water sluices, canals, etc., and the fertility of the soil is very great. During many hundreds of years cattle breeding was here the mainstay of the population, although disaster after disaster occurred as early as in the middle ages and with certain intervals ever since, time after time the sea rolled over these fair lands killing people and cattle by the tens of thousands, destroying the homesteads of the thrifty farmers. Many tens of millions of German money have been spent in building up this wonderful system of dykes, but to-day there is complete safety from further encroachments of the sea, and the large stretches of fertile land bear now permanent pastures such as one does not see elsewhere. Constantly fighting against the elements, the people here have developed their capacity to rely on themselves, and thriftiness is one of the outstanding characteristics. In this district the breeding of Shorthorn cattle commenced some 80 years ago, and here, thanks to the wonderful pastures, these cattle have developed to a degree of perfection that often surprises the visitor who is unprepared to find Shorthorns of such size and quality as are here grazing during the greater part of the year in numbers of thousands.

It is here carried on in three different ways grassland farmin re the cattle are grazed whole year r then fattened large markets burg, Berlin etc., or mi and pasture y dairy first farms as

mainstay, a large number is kept and calves reared to take their turn when the time arrives. In later years there is however, a tendency to combine arable farming with grazing, with a rotation of wheat, oats, beans and rape. On such farms 80—100 head of cattle are kept. In such surroundings the Shorthorns have developed and they may be classified as being in a category entirely unique in Germany. It is probable that the Province of Schleswig and the west coast of Holstein may develop as a Shorthorn breeding district, and when this breed obtains a larger degree of approval in other parts of Germany, Schleswig-Holstein will be known as the district *par preference* from which prominent sires and dams can be acquired. Next to Schleswig Holstein the largest district prior to the war for Shorthorn breeding in Germany was the Provinces of Alsace and Lorraine. Shorthorns are also found in other parts such as the Province of Oldenburg where a well-known breeder (H. Lubben, the Surwurden estate) for many years bred some remarkably good animals, and there are several prominent herds in the Provinces of Saxony, Hanover, Silesia, East Prussia, Mecklenburg Pfalz and in the Rhine Province. More recently herds have likewise been founded in the Provinces of Brandenburg, Brunswick, Pomerania and in West Prussia.

The origin of the idea of commencing breeding Shorthorns in the Schleswig district was caused by a regular demand for fattened cattle coming from Denmark, and as the marshland breeders in Schleswig-Holstein could not as quickly as they desired fatten their own indigenous breeds for the Danish market, some far seeing men among them went to England and there acquired bulls for crossing purposes. This happened in the year 1843, and when the imported animals shortly afterwards were exhibited and offered for service at the local cattle Shows held regularly at Eiderstedt, Husum, Tondern, and various villages, the farmers immediately recognised that here was a type of cattle that undoubtedly more rapidly than their own native breed could turn the grazing in the fat, marshy pastures into high-quality butchers' meat. A further number of bulls were imported from England and crossed with the Eiderstedt cattle breed, and so successful did this cross breeding turn out that about eighteen years after the first imports, a "Shorthorn Breeders' Herd Book Association" was formed (1871). Entries were accepted in the Herd Book under two different categories i.e., (1) for animals imported from England, and (2) for crosses. The new Herd Book Association, however, carried on under great difficulties for some years but in 1884 when interest in Shorthorn cattle had spread a large number of breeders in Schleswig and Holstein decided to go in for the breed, and since then Shorthorn breeding has eased and never met with setbacks. In the year the Chamber of Agriculture for the Province of

Breeding in Germany

country	to the same extent as
attle	war but agriculture and
orses	still the foremost of all in
stock	didly cultivated and the crop
r years	although insufficient to meet
eeding	two thirds of the total area
lands and	where the orchards vine
the value of	pastures and cereal be
can mls	degree of cultivation
an become	unproductive land
for the	the total area
o rapidly	this cereal
cl and	with the

PROMINENT BREEDERS (cont'd)

FRENCH TRAIT DU NORD HORSE (cont'd)

Doudet Jonas	Noiron ne-Thérache Aisne
Draper Léon	Lecelles Nord
Dufrenoy Marcel	Juvacourt Aisne
Dufrenoy Arthur	Quincy sous le Mont Aisne
Duvette Théophile	Obrechès Nord
Farez Pan en	Villers Flouich Nord
Faroux Raoul	Soire le Château Nord
Fauville Célestine	Neuville sur Escout Nord
Fauville Maurice	Bouhain Nord
Fievet —	Masny Nord
Fillette —	Créanczy Aisne
Fontaine Canu —	Trith Saint Léger Nord
Frayelle Eugène	Damoues Nord
Gabet François	Haras d'Inchy Nord
Gambier Paul	Honnecourt Nord
Gelonne André	Gouy le Catelet Aisne
Giard Hayer —	Cu gues Nord
Gibert Gustave	Remaucourt Aisne
Gois et Roux-eau	Légalliers Ma gnelay O se
Grand Léon	Saint Remy Chaussée Nord
Hanot er Emile	Landas Nord
Hent et —	Dom des Grés et Saint Eugène Condé Brie Aisne
Herb n Luc en	Boha n Aisne
Hinter Jules	Fresnoy le Sec Aisne
Jacquin Octave	Ta mnières sur Hon Nord
Jacquemais Botte —	Haspreux Nord
Jary Alfred	Bu s ares Aisne
Job-Carré	Andevy Somme
Jourquin Georges	Nancy lers Oise
Jul en Henri	Boul 8 Octobre St Quentin Aisne
Karel n Henri	Sa n s R chaumont Aisne
Labalette Jules	Lédou Nord
Labeys Luc en	Damery Somme
Lap,rand Gu laue	Beaury n Nord
Lap,rand Henri	Biastra lers Nord
Lanth er Emmanuel	Abson Nord
Lanth ez Robert	Avesnes le-Sec Nord
Lauté Henri	Mar eux Nord
Leduc Zénon	Qu évy Nord
Lefevre Jean	Rue de Gand Lille

Legard en —	Ferme Beaurepaire Charly s Mame Aisne
Legrand H bert	Dimechaux Nord
Lehu Prosper	Haras de Tilloy les-Cambrai Nord
Ler che Georges	Provilleux Plesnoy Aisne
Lourdez Eugène	Epieds Aisne
Lucas Adhémar	Wattignies la Victoire Nord
Luquet Paul	Dure sur Ancre Somme
Macarez Charles	Huich n Thiant Nord
Marlin Gaston	Saint Den s Péron Somme
Masquelier Delemar	Rochin Lille Nord
Mess eux Georges	Vigneaux Hocquet, Aisne
Mithaux Ghisl n	Sars Poteries Nord
Monaque Robert	Marcy Hombl ères Aisne
Odier Darras Gaston	Méruques Nord
Orens Henri	Lataule O se
Panien Vandroth —	Roucourt Nord
Penant Paul	Fontaine-les-Vervins Aisne
Pépin Auguste	Molins Peronne Somme
Pinta —	Couvrelles Aisne
Potte Auguste	Hauvourdin Nord
Prevot Louis	Aisonville Aisne
Pucy Eugène	Misy Somme
Rasseneur Alexandre	Beuvry les Orchies Nord
Rocquet Augustin	Faviigny le-Grand Aisne
Rouard Edmond	Dena n Nord
Rouget Eugène	Pargny Somme
Staubert Fel cien	Aibes Nord
Tambouze Lefevre —	Montigny Clary Nord
Tambouze René	Quétignies Nord
Theven n Emile	Froisy Aisne
Thomas Abel	Beaumes Nord
Van der Haegen	Saint Waast les Vello Oise
Vanderhaegen —	Oreny Sainte-Benoite Aisne
Van Themsche	Couvrelles Aisne
Verhaegen Léon	Burolosse Aisne
Wast Omer	Dourlers Nord
Wargnier Jules	Hurtevent Caullery Nord
Wiballe Jules	Villers Pol Le Quesnoy Nord
Yzebe Pierre	Haucourt Somme

FRENCH BOULONNAIS HORSE

Beut n Varlet —	Sa nt Mart n lez Boulogne	P de C	Lefevre —	Munq n eurlat	Rum ngen P-de
Bouclier Forstner —	Ernes lez Boulogne	1-de C	Lefort A ind	Wittes	P-de C
Bouclier Louis	Marqu se	P de C	Le Gent l —	Estraval	Le Parcq Pas de
Breton Georges	Coquelès	Calas P de C			Calais
Breton Mart net —	Ole Plage	P de C	Legrand Raymond	Hauteclouque	St Pol P de C
Butez Irénée	Oye Plage	P de C	Lejeune —	Hattencourt	Somme
Caia s Frères	Nelles lez-Cala s	Fréthun P-de-C	Lemaître Henry	Wersse Liffroy	Runcet P-de-C
Caron Albert	Audinghen	Marqu se P-de-C	Level Albert	Fréthun	Bonningues lez
Clabaut Gustache	Réty	Se n s Inférieure			Calas P-de-C
Coddes le Vétot		Heid n P de C	Louchet Honquet —	St Pol s Ternos se	P de C
Corne O tave	Mourmet	1 de C	Mart n Mobla lly	Hermelingen	Hard ngen P de
Coustre Lou s	V e le Eglise	Marqu se P de C	Mart n Théodule	Bernay-en Ponth eu	Régén er Elcuse
Controt Léon	Pet t Lihus	1 de C			Somme
		Marqu se en Beau			P-de C
Dam ens Lou s	Menneville	vais s Oise	Monthu t Jérôme	V e le Eglise	Heid gneul, P-de-C
Dausque Louis	Calfr ers	Dessivs P-de C	Muslet Léon	Hesdin l Abbé	Oise
Deba elare Josse	Gravel nes	Hard ngen P-de-C	Orens Raymond	Ressons s Matz	Le Parcq P-de-C
Debril Frères	Ghyvelde	Nord	Partz Marqu s de	Willeman	Saint Pol P-de-C
Delattre Frères	Marquise	Nord	Penet Joseph	Hauteclouque	Sa nt Pol P-de-C
Desmarches —	Audin hen	P de C	Penet Lede —	Héroucourt	Marqu e P-de-C
Dev l eppo s Pierre	Leubringhen	Desvres P de C	Peux on Jules	Audenbert	Abbeville Somme
Du hateau Em le	T lloy Florville	Marqu se P de C	Pecode Henri	Canchy	Ponches Estraval
Du hem n Remy	Coquelès	Somme	Pouilly Alexandre	Crécy-en Ponth eu	
Ducoz-Ros André	Calas P-de-C	Calas P-de-C			Somme
Dufre en Edouard	St Pol P-de-C	St Pol P-de-C	Poupart Charles et Fils	Br meux	P de C
Dun ont —	Somme	Somme	Prudhomme Louis	Sa nt Tricat	Fréthun P-de-C
Dumont Pédard	Wobécourt	Somme	Pruvost Fernand	Fretteville	Somme
Duran er —	Embry	Somme	Roches —	Beuvrenghen	Marqu se P-de-C
Eyau Clabaut —	Colembert	P-de-C	Roussel Camille	Ca n gneules I et tes	Montreu l P-de-C
François Gaston	Cucq	1 de C	Routt er —	Tard ghen	Wissant P-de-C
Hanqu er —	Brille et Houlefort	Colembert P de C	T net Rebetz	Chaumont-en Vexin	O se
Hierlécourt Baron	Monsiebert	Sa nt Valéry Somme	Trancart —	Onéacourt	F ruct er O se
Jobb n Frères	Feuquères	Oise	Verdus Georges	Tortefontaine	Hesdi P-de-C
Joly-Gu bert —	Liermy	V s en Arto s	Vérinque Frères	Beuvrenghen	Marqu se P-de-C
Jouanet er Georges de	Doudes lez	Se n s Inférieure	Vervay Paul	Vie lle Eglise	P-de C
Lano Alphonse	Sa nt Martin lez Boulogne	P-de C	Wache Paul	Campagne	Gu per P de C
Leblanc Gustave	Wamille	P-de C	Walt ne Georges	V e l Hied n	Le Parcq l-de-C
Lédé Léon	Confidite	P-de C	Wax ères Amédée de	Fouffin R camet	Sa nt Pol P-de-C
	St Laurent Blangy	P-de C	Wax ères Raoul de	Terrasseuil	Beauquesne Som m
	Gauchon Verlongt	St. lols Ternoise	Wemaere Paul	Armbouts Cappel	Nord
		P-de-C	Willard Charles	Marqu e	P de C

Les éditeurs

de l'INTERNATIONAL DIRECTORY OF PEDIGREE STOCK BREEDERS,
23 Fleet Street, Londres, Angleterre

disposent d'un répertoire continuellement tenu à jour dans lequel sont indiqués les noms des personnes qui à leur connaissance s'occupent de l'élevage d'animaux de race destinés à l'Agriculture. Ce répertoire englobe l'ensemble de tous les pays civilisés et contient des renseignements très précis sur les noms et adresses des éleveurs, ainsi que sur leurs animaux. MM. les éleveurs de bétail quel que soit leur pays s'adresseront à l'éditeur de l'ouvrage pour obtenir les renseignements concernant les débouchés, les cours, les questions de transport, les animaux les mieux adaptés à tel ou tel climat, les maladies, la vaccination, etc. etc. Réponse sur demande par retour du courrier et à titre absolument gratuit.

Livestock Breeding in Germany.

According to the latest census the agricultural Live Stock may be estimated at 17,361,000 cattle, 4,100,000 sheep, 17,000,000 pigs and 4,000,000 horses. The remarkable studies which German live stock breeding has made after the disastrous war years augurs well for the future, and the systematic weeding out of less valuable animals from the studs, herds and flocks and the great importance laid on the value of controlling the performances of the domestic animals forebodes that the German breeder will soon become a serious competitor in the commercial field for breed animals. Probably no other country has so rapidly developed its live stock industry during such a short space of time, and the best brains are continuously being attracted to the industry. The system adapted to the control of breeding is probably the most suitable for German requirements—the centralising of administrative power in the person in chief direction of the Association of Pedigree live stock breeders. In Germany this system seems to work wonderfully well as the individual breeder, a member of his Society, is constantly guided and advised as to the best methods and animals to be chosen; and all over the country the "Committee of Selection" appointed by the breeders themselves, is now wielding supreme authority in the selection of animals for breeding, excluding indiscriminate breeding and the use of valueless animals. The following series of articles written by a number of well-known live-stock men, all prominent in their spheres of activities, testify to the very high level to which German live stock breeding has been brought. Undoubtedly, within a short space of time the German breeders will rank among the foremost of the world's stock breeders, and German Pedigree strains looked upon as reliable in their functions in every respect.

Resulting from its geographical position, the German Reich, geographically and structurally, is very diversified, and the variety of soil and other agricultural conditions explains why within the country so many different races and breeds have during the space of time developed on distinctly different lines. The German Reich consists of Prussia, Bavaria, Württemberg, Saxony, Baden, Mecklenburg-Schwerin, Hesse, Oldenburg, Brunswick, Thüringen, Mecklenburg-Strelitz, Anhalt, Lippe, and Waldeck, besides the Free Cities of Hamburg, Lübeck and Bremen, each of which is a Republic comprising the Town and surrounding country. Germany is naturally divided into three regions, Alpine foreland, with the South-German Tableland, a Central Highland, and the great Plains in the north which cover the entire sea front. Generally speaking, the climate of Germany is temperate and very healthy but differing considerably. The rainfall all over the country is on an average 28 inches. Owing to the enormously rapid increase in the population, Germany is no longer an agricultural

country to the same extent as it was before the war, but agriculture and live stock breeding are still the foremost of all industries. The soil is splendidly cultivated and the crops are always bountiful, although insufficient to meet the demand. More than two-thirds of the total are cultivated, and everywhere the orchards, vineyards, gardens, meadows, pastures and cereal bearing fields testify to the high degree of cultivation in this country. The absolutely unproductive land probably only represents 10% of the total area. Rye is the chief crop, the acreage bearing this cereal being estimated at nearly 60,000,000 acres, while oats are cultivated on nearly 12,000,000 acres, as against wheat which is only cultivated on 4,800,000 acres and barley on 4,200,000 acres. The cultivation of the sugar beet is carried on on a very large area, and this crop has certainly been one of the chief instruments in cleaning the soil while furnishing the live stock with splendid feeding stuff. Agricultural education is highly developed and to many of the twenty-one Universities experimental farming and live stock stations are attached.

The number of Associations of breeders of cattle, sheep, pigs, horses and goats is remarkable, and the co-operative spirit seems to penetrate into every sphere of agricultural activity.

One of the powerful instruments for promoting farming and live stock breeding in Germany, the "Deutsche Landwirtschafts Gesellschaft," Berlin, works successfully for the benefit of the farmers. Every year the Society arranges Agricultural Exhibitions, and the awards and prizes granted by the Society are accepted all over the country as the hall mark of excellence.

Among other Institutions and Organisations working for the benefit of agriculture in Germany, the following should be mentioned

Reichsverband für Zucht- und Prüfung Deutscher Warmblut Tauentzienstrasse 7 Berlin W. (General Organisation for breeding and performance testing of German Light Horses)
 Nord-Deutscher Schaferverband, Lusthorststrasse 2a Berlin Halensee (North German Association of Societies of Sheep Breeders)
 Vollerwerbsvereining Deutscher Schafrüchters-Verband 1a Hafenplatz 4 Berlin, S.W. 11 (Association of German Sheep Breeders Societies to promote Wool Production)
 Vereinigung Deutscher Schweine Züchter & Mäster Anhaltstrasse 7 Berlin S.W. 10 (Association of German Pig Breeders and Feeders)
 Club Deutscher Geflügel Züchter Schönbergstrasse 32 Berlin S.W. 11 (The German Poultry Breeders Club)
 Bund Deutscher Lehn- und Züchter, Berlinstrasse 44 Halle an der Saale (Association of German Breeders of Poultry)
 Vereinigung zur Experimentellen Bekämpfung von Tierseuchen Seebachstrasse 33 Gotha (Association for Experiments to defeat Tuberculosis in Live Stock)
 Deutsche Gesellschaft für Züchtungskunde Göttingen (German Society for Live Stock Breeding)

The following Institutions, influential in their spheres of activities and immensely helpful to the farmer and breeder, are generally considered as of great importance:

Deutscher Landwirtschaftsrat Berlin (German Agricultural Council)
 Reichsausschuss der Deutschen Landwirtschaft, Berlin (State Committee working on behalf of German Agriculture)
 Verband Landw. Versuchstationen im Deutschen Reich, Südstrasse 72, Münster i.W. (Union of Agricultural Experiment Stations in the German Reich)

PROMINENT BREEDERS (contd)

FRENCH TRAIT DU NORD HORSE (contd)

Doudet Jonas	Naivion no-Thérache Aisne	Légarrien —	Ferme Beaufort, Charly s. Marne, Aisne
Drappier Leon	Leclerc Nord	Légrand Philibert	Dimechaux Nord
Dufrenoy Marcel	Juvincourt Aisne	Leleu Prosper	Haras de Tilloy les-Cambrai Nord
Dufrenoy Arthur	Quincy sous-le Mont Aisne	Leriche Georges	Proville Hesnoy, Aisne
Duvette Théophile	Obrech s. Nord	Lourdet Eugène	Epiels Aisne
Farez Panien	Villers l'Abbaye Nord	Lucas Adhemar	Wattimies la Victoire, Nord
Fareux Raoul	Solre le Chateau Nord	Luquet Paul	Buire sur Ancres Somme
Fauville Célestine	Neuville sur Escout, Nord	Macvay Charles	Haulchin, Thiant, Nord
Fauville Maurice	Bouché s. Nord	Marlin Gaston	Saint Denis-Péron Somme
Fievet —	Mamy Nord	Maquieher Delemer	Rochin, Lille, Nord
Fillette —	Créancy Aisne	Messieux Georges	Vigneaux Hogueux Aisne
Fontaine Canu —	Trith St nt Léger Nord	Mitiaux Ghislain	Sars Poteries Nord
Fraysse Eugène	Damoussies Nord	Monnaix Robert	Marcy, Homblert Aisne
Gabet François	Hitas d'Inchy Nord	Olivier Darras Gaston	Matignies Nord
Gambion Paul	Honnecourt Nord	Orens Henri	Lataule Oise
Gelene André	Gouy le Catelet Aisne	Janien Vandroth, —	Roucourt, Nord
Giard Hayer —	Curgies Nord	Penant Paul	Fontaine-les-Vertes Aisne
Gilbert Gustave	Remaucourt Aisne	Jepin Auguste	Moslins Peronne Somme
Goss et Rousseau	Légallantiers Maignelay Oise	Pinta —	Couvrelles Aisne
Grand Léon	St nt Rémy Chaussee Nord	Potte Auguste	Haubourdin Nord
Hamotte Henri	Landis Nord	Revet Louis	Aisonville, Aisne
Herbin Lucien	Don des Grèves St nt Lugène Condé Brle Aisne	Puclé Eugène	Misery Somme
Hicler Jules	Boha n Aisne	Rasseneur Alexandre	Beuvry les-Orchies Nord
Jacmain Octave	Frenoy le Jettit Aisne	Rocquet Augustin	Flatigny-le-Grand Aisne
Jacquemars Botte —	Tatignières sur Hon Nord	Ro and Edmond	Dennain, Nord
Jary Alfred	Haspres Nord	Rouquet, Eugène	Pargny Somme
Job-Carré —	Bussières Aisne	Stamont Féliçien	Aubes Nord
Jourquin Georges	Andechy Somme	Tambosse Lefevre, —	Montigny Clary, Nord
Julien Henri	Hunvillers Oise	Thermon, René	Querénaing Nord
Kierlin Henri	Boul 8 Octobre St Quentin Aisne	Thomas Abel	Troisy Aisne
Labalette Jules	St nrs R chaumont Aisne	Van der Haegen	Beaulieu, Nord
Labey Lucien	Lécluse Nord	Vanderhaeghen, —	Saint Waast les Mellis Oise
Langrand Gustave	Damery Somme	Van Themsche, —	Origny Sainte-Benoite, Aisne
Lan rand Henri	Beaurain Nord	Vaerhaeghen, Léon	Couvron, Aisne
Lanthiez Emmanuel	Braistrie Vie lly Nord	Wast Omer	Baunroisse, Aisne
Lanthiez Robert	Abson Nord	Warguez Jules	Doulers, Nord
Lautie Henri	Avesnes le Sec Nord	Wibaule Jules	Hurtevent Caullery, Nord
Leduc Zénon	Maintreux Nord	Ytebe, Pierre	Villers-Pol Le Queuxy, Nord
Lefevre Jean	Qu évy Nord		Haucourt, Somme
	Rue de Gand Lille		

FRENCH BULLONNAIS HORSE

Beut s. Varlet —	Saint Martin les Boulogne	P-de C	Lefevre —	Munq Victorlet	Raminghem, P-de-C
Boucler Forestier —	Pernes les Boulogne	P-de C	Lefort, Aimé	Witter	P-de C
Boucler Louis	Marques	P-de C	Le Gentil —	Lestral	Le Parcq Pas de Calais
Bretton Georges	Coquelles	Calais P de C			St. Pol P-de-C
Bretton Mari net —	Oie Plage	P-de C	Légrand Raymond	Hautecloque	Somme
Butez Irénée	Oie Plage	P-de C	Lejeune —	Hattencourt	Rucent P-de-C
Calais Frères	Villes les Calais	P-de C	Lemaître Henry	Wierse Elffroy	Bonnieres-les Calais, P-de-C
Caron Albert	And ngben	Frethun P-de-C	Level Albert	Fréthun —	P-de-C
Clabaut Eustache	Retz	Marquise P de C			St Pol s. Ternosse
Coddeux Vécot	Mouriez	par Rinxent P-de-C			Hermelingen
Corné Octave	Vieille l'glise	Heud n l de C	Louchet Honquet, —		Bernay-en Ponthieu
Couestre 10 s	Peut l'abus	P-de C	Martin Mobailly		
Coutrot Leon		Mars l'en Beauvais s Oise	Martin Théodule		
		Desvres P de C			
Damiens Louis	Menneville	Hard ngben P-de-C	Montbut Jerome	Vieille-Eglise	Hesdin l'Abbaye
Dausque Lou s	Calfers	Nord	Muscler Leon	Hesdin l'Abbaye	Ressons-s. Maiz
Debaelare Josse	Gravel nes	l de C	Orens Raymond	Willeman	St Pol P-de-C
Debril Frères	Ghyvelde	Desvres P de C	Partz, Marquis de	Hautecloque	Saint Pol, P-de-C
Delattre Frères	Marquise	Marquise P de C	Penet Joseph	Hauteclou	Marquise P-de-C
Delattre Mo le Selles	Au l'ghen	Somme	Penet Lede —	Audembert	Abbeville Somme
Desobres —	Tilloy l'ornville	Calais P-de C	Pevuon Jules	Candby	Ponches Estrval
Dev Depaux Pierre	Coquelles	St Pol, P de C	Pincote Henri	Crécy-en Ponthieu	Somme
Duchateau Emile	Saint Michel	Somme	Pouilly, Alexandre		
Duchem n Rémy	Boudancourt-en Séry	Calais P-de C			
Duro-Rioy André	Wacourt	St Pol, P de C	Poupard Charles et Fils	Bruneux	Fréthun P-de-C
Dufrenoy Paul	Embray	Somme	Prudhomme Louis	Saint Tricat	Somme
Dumont —	Colembert	l de C	Pruvost Fernand	Frétienneule	Marquise P-de-C
Dumont Irard	Cuq	P-de C	Roches —	Beuvreux	Montreu l'Abbaye
Dusanier —	P-de-C	P-de-C	Roussel Camille	Campagne	Vissart P-de-C
Fayeul Clabaut —	Bel et Houlefort	Colombert P-de C	Routier —	Tardighen	
François Gaston	Wobourbort	Saint Vallery Somme	Tinet Rebetz	Chaumont-en Vexin	P. mène Oise
Hanquez —	Feuq dres	Oise	Trancart —	Omecourt	Hesdin P-de-C
Hanquez —	Eterpigny	Vis en Arto s	Verdure Georges	Tortefontaine	P-de-C
Joly-Guillet —	Doudeville	Somme Inférieure	Véringue Frères	Beuvreux	Guise P de C
Lamartine Georges de	Vimille	P-de C	Verra Paul	Vieille Eglise	Le Parcq l-de-C
Lanoy Alphonse	Condeite	P-de C	Wache Paul	Viellied n	St Pol P-de-C
Leblanc Gustave	St Laurent Blangy	P-de C	Wattine Georges	Fouffin Ricametz	Guise P de C
Léde Leon	Gauchin Verlangt	St Pol s. Ternosse	Waziers Amédée de	Terramesnil	Beauquesne Somme
		P-de C	Waziers Raoul de	Armbouts-Cappel	Nord
			Wemaere Paul	Marquise	P-de-C
			Willard Charles		

Les éditeurs

de l' INTERNATIONAL DIRECTORY OF PEDIGREE STOCK BREEDERS

23, Fleet Street, Londres, Angleterre.

disposent d'un répertoire, continuellement tenu à jour, dans lequel sont indiqués les noms des personnes qui à leur connaissance s'occupent de l'élevage d'animaux de race destinés à l'Agriculture. Ce répertoire englobe les éleveurs de tous les pays civilisés et contient des renseignements très précis sur les noms et les adresses de ceux ainsi que sur leurs animaux. MM. les éleveurs de bétail quel que soit leur pays sont invités à demander des renseignements concernant les débouchés des cours, les questions de transport, les animaux à retourner du courrier et à titre absolument gracieux.

Réponse sur sera faite par

Livestock Breeding in Germany.

According to the latest census the agricultural live stock may be estimated at 17,350,000 cattle, 4,100,000 sheep, 17,000,000 pigs and 1,900,000 horses. The remarkable strides which German live stock breeding has made after the disastrous war years assure well for the future and the systematic weeding out of less valuable animals from the studs, herds and flocks and the great importance laid on the value of controlling the performances of the domestic animals forebodes that the German breeder will soon become a serious competitor in the commercial field for breed animals. Probably no other country has so rapidly developed its live stock industry during such a short space of time, and the best brains are continuously being attracted to the industry. The system adapted to the control of breeding is probably the most suitable for German requirements—the centralising of administrative power in the person in chief direction of the Association of Pedigree live stock breeders. In Germany this system seems to work wonderfully well as the individual breeder, a member of his Society, is constantly guided and advised as to the best methods and animals to be chosen, and all over the country the "Committee of Selection" appointed by the breeders themselves, is now wielding supreme authority in the selection of animals for breeding, excluding indiscriminate breeding and the use of valueless animals. The following series of articles written by a number of well-known live-stock men, all prominent in their spheres of activities, testify to the very high level to which German live stock breeding has been brought. Undoubtedly, within a short space of time the German breeders will rank among the foremost of the world's stock breeders and German Pedigree strains looked upon as reliable in their functions in every respect.

Resulting from its geographical position, the German Reich, geographically and structurally, is very diversified, and the variety of soil and other agricultural conditions explains why within the country so many different races and breeds have during the space of time developed on distinctly different lines. The German Reich consists of Prussia, Bavaria, Württemberg, Saxony, Baden, Mecklenburg-Schwerin, Hesse, Oldenburg, Brunswick, Thüringen, Mecklenburg-Strelitz, Anhalt, Lippe, and Waldeck, besides the Free Cities of Hamburg, Lübeck and Bremen, each of which is a Republic comprising the Town and surrounding country. Germany is naturally divided into three regions, Alpine foreland, with the South German Tableland, a Central Highland, and the great Plains in the north which cover the entire sea front. Generally speaking, the climate of Germany is temperate and very healthy but differing considerably. The rainfall all over the country is on an average 28 inches. Owing to the enormously rapid increase in the population, Germany is no longer an agricultural

country to the same extent as it was before the war, but agriculture and live stock breeding are still the foremost of all industries. The soil is splendidly cultivated and the crops are always plentiful, although insufficient to meet the demand. More than two-thirds of the total are cultivated, and everywhere the orchards, vineyards, gardens, meadows, pastures and cereal bearing fields testify to the high degree of cultivation in this country. The absolutely unproductive land probably only represents 10% of the total area. Rye is the chief crop, the acreage bearing this cereal being estimated at nearly 60,000,000 acres, while oats are cultivated on nearly 12,000,000 acres, as against wheat which is only cultivated on 4,800,000 acres and barley on 4,200,000 acres. The cultivation of the sugar beet is carried on on a very large area, and this crop has certainly been one of the chief instruments in cleaning the soil while furnishing the live stock with splendid feeding stuff. Agricultural education is highly developed and to many of the twenty-one Universities experimental farming and live stock stations are attached.

The number of Associations of breeders of cattle, sheep, pigs, horses and goats is remarkable, and the co-operative spirit seems to penetrate into every sphere of agricultural activity.

One of the powerful instruments for promoting farming and live stock breeding in Germany, the "Deutsche Landwirtschafts Gesellschaft," Berlin, works successfully for the benefit of the farmers. Every year the Society arranges Agricultural Exhibitions and the awards and prizes granted by the Society are accepted all over the country as the hall mark of excellence.

Among other Institutions and Organisations working for the benefit of agriculture in Germany, the following should be mentioned:

Reichsverband für Zucht & Prüfung Deutscher Warmblut Taugenzien
strasse 7, Berlin N. W. (General Organisation for breeding and performance testing of German Light Horses)
Nord-Deutscher Schaafzüchterverband, Laubshornstrasse 23, Berlin-Halensee
(North German Association of Breeders of Sheep)
Vollerwerbsvereinigung Deutscher Schafruchts-Verbände, Hafenplatz
4, Berlin S. W. 11 (Association of German Sheep Breeders Societies
to promote Wool Production)
Vereinigung Deutscher Schweine-Züchter & Mäster, Anhaltstrasse 7, Berlin
S. W. 10 (Association of German Pig Breeders and Feeders)
Club Deutscher Geflügel-Züchter, Schönebergstrasse 32, Berlin S. W. 11
(The German Poultry Breeders' Club)
Bund Deutscher Geflügel-Züchter, Berlinstrasse 43, Halle an der Saale
(Association of German Breeders of Poultry)
Vereinigung zur Experimentellen Bekämpfung von Tierseuchen, Seebach-
strasse 33, Lutha (Association for Experiments to defeat Tuberculosis
in Live Stock)
Deutsche Gesellschaft für Züchtungskunde, Göttingen (German Society
for Live Stock Breeding)

The following Institutions, influential in their spheres of activities and immensely helpful to the farmer and breeder, are generally considered as of great importance.

Deutscher Landwirtschaftsrat, Berlin (German Agricultural Council)
Reichsverband der Deutschen Landwirtschaft, Berlin (State
working on behalf of German Agriculturists)
Verband Landw. Versuchsanstalten im Deutschen Reich, Sü-
münster i. W. (Union of Agricultural Experiments
German Reich)

1. Handelstrasse 2 Königsberg Ost preussen

Shorthorn Breeding in Schleswig-Holstein.

By DR. SCHATZEL, Bredstedt, Schleswig

The breeding of Shorthorns commenced in the Schleswig-Holstein district during the last century. Prior to the introduction of this breed a type of Land-race cattle was generally bred being a mixture of various breeds kept in the district. The reason why Shorthorns came in vogue in Schleswig-Holstein was the demand for store cattle from England, and when the material obtainable in the neighbourhood proved unsatisfactory and quite insufficient to fill the steadily increasing import orders from England, the local breeders decided to create better material by means of imported Shorthorn bulls from that country. The reason why our breeders decided on the Shorthorns was the robust health of the breed, its dual utility qualities and its general appearance. Indeed, several among the larger breeders not only imported bulls but also heifers and cows with a view of breeding from the very best Pedigree strains. This led to the foundation of a Shorthorn Pedigree Register in the year 1871 at Eiderstedt, and it further brought in train a general desire to take up the breeding of Shorthorns. Thus it happened that a number of local breed Associations were formed, all on the same lines as the Eiderstedt Breeders Association, which had been founded in the year 1883. With a view of consolidating the various activities of these smaller local associations a new Association was formed in 1889, under the name of Association of the Schleswig Shorthorn Breeders Societies with which all the small organisations were amalgamated. Since then, this Association has worked ahead as will be seen in the following table. The address of the Association is Husum where the Herd Book is kept.

On January 1st 1900 there were seven Breeders' Societies in Schleswig-Holstein with a membership of 525 and 1,124 registered animals. In 1910, 43 local societies had been brought into being with 2,138 members and 5,407 animals entered. For various reasons however, the number rapidly increased so that in 1915 68 local societies actually existed with 3,589 members and 12,067 animals entered in the Herd Book. Since then as the result of the war, etc., the numbers have decreased the membership now being 1,861 with 6,724 animals registered (1927). Prior to the war, the number of Shorthorns had been considerably reduced owing to the sudden appearance in the breed district of foot and mouth disease. Since the war, however, the interest among farmers and breeders in the Shorthorn breed is steadily expanding, as proved by the fact that in the districts of Norder and Suder-Dithmarschen cross breeding by Shorthorn bulls on the local red coloured cattle is now much in vogue. In the year 1924 obligatory selection was introduced in the breed district, and so the quality of animals bred is yearly improving. Some six years

ago the Eckernförde District joined up by forming a Shorthorn Breeders' Association to which new members are steadily coming in.

The two qualities by which the Shorthorn cattle are remarkable, i.e., fattening ability and early development combined with milking capacity, are the elements in this breed which appeal to the local farmer. No other existing cattle race can show such remarkable ability in these directions, and in regard to milk production, undoubtedly the Shorthorn's performances are even better than their reputation. This is testified by the fact that in the Schleswig-Holstein district there are now seventeen Milk Control Associations in which 2,441 Shorthorn cows are registered. Among various Control Associations, those at Langenhorn in the Husum district, at Eiderstedt, at Tiebensee and at Meldorf should be specially mentioned. The Langenhorn showed an average of 3,119 kilos milk with 3.43% fat and 107.08 kilos butter fat, while the Meldorf Control Association showed 3,764 kilos milk with 3.55% fat and 133.77 kilos butter fat. The Tiebensee showed 3,425 kilos milk with 3.41% fat and 116.72 kilos butter fat.

The purpose of introducing the milk control system in this district should not be understood as having been planned towards developing the Shorthorn cattle to become a milk producing breed rather than beef producers, but the system was introduced for the express purpose of demonstrating to the breeders how far they might conveniently develop the milking capacity without doing any damage to the breed's ability of early maturity and fattening. It is hoped and expected that through careful selection and breeding it may be possible to increase the average fat per centage to 4% without damaging the breed's beef propensities. It is generally agreed that whatever happens, the deep heavy body must be maintained.

It has, perhaps, been a matter of regret that the Shorthorns in the Schleswig-Holstein District could only develop on the basis of very few strains such as Victor 617th, Bletchley 669, Fraser Tytler 672, "Spicy Charmer 750," Cotehay Solid Silver 895, "Fine Morning 924," Edgocate Boxer 1019, Swinton Saint Clipper 1080. These animals however, have proved themselves remarkable as progenitors, especially "Victor," Fraser Tytler and Spicy Charmer. During the last few years English Shorthorn blood has been imported with a view of infusing the same in the already existing strains. If the Shorthorns can develop towards an increased ability of consumption of the home produced food then certainly this breed must be accorded the pride of place as the foremost among all existing breeds as regards early maturity and remarkable fattening propensities.

The Shorthorns in Germany.

By HUGH NICKSON 27, Fleet Street, London

Live stock breeders know that it is much easier to lay the foundation of a herd of prominent animals for the purpose of breeding a type of cattle in a certain direction than to maintain the herd at a high pitch of performance as the years pass by, and perhaps this applies even more to the Shorthorn cattle than to many other cattle breeds. The reasons are evident to all who have founded herds. In Germany, however, where the Shorthorns have only been bred during, comparatively speaking, a short time, remarkable progress has been made, and they have improved in quality from year to year while the number of admirers of this particular breed has been steadily increasing so that the Shorthorns may now be stated to have become, at least in certain districts, a permanent feature.

Shorthorn breeding in Germany is centred round about the towns of Eiderstedt, Husum and Tondern in Schleswig-Holstein, a district which is interesting and notable in many respects as there to-day a system of farming is in vogue which has developed on unique lines. The land here is protected against the encroachments from the sea through a most intricate, really marvellous system of dykes, trenches, water sluices, canals, etc., and the fertility of the soil is very great. During many hundreds of years cattle breeding was here the mainstay of the population, although disaster after disaster occurred as early as in the middle ages, and with certain intervals ever since, time after time the sea rolled over these fair lands killing people and cattle by the tens of thousands, destroying the homesteads of the thrifty farmers. Many tens of millions of German money have been spent in building up this wonderful system of dykes, but to-day there is complete safety from further encroachments of the sea, and the large stretches of fertile land bear now permanent pastures such as one does not see elsewhere. Constantly fighting against the elements, the people here have developed their capacity to rely on themselves, and thriftiness is one of the outstanding characteristics. In this district the breeding of Shorthorn cattle commenced some 80 years ago, and here, thanks to the wonderful pastures, these cattle have developed to a degree of perfection that often surprises the visitor who is unprepared to find Shorthorns of such size and quality as are here grazing during the greater part of the year in numbers of thousands.

Farming is here carried on in three different ways—entirely grassland farming where the cattle are grazed almost the whole year round and then fattened and sold off to the large markets of Hamburg, Berlin, Frankfurt, Munich, etc., or mixed arable and pasture farming, and exclusively dairy farming. In the first category the size of the farms is as a rule from 60—150 acres, and generally only six to eight cows are kept while young cattle are purchased in the spring for grazing during the summer and early autumn, and when fattened, sold off. Where dairy farming is the chief

mainstay, a large number is kept and calves reared, to take their turn when the time arrives. In later years there is, however, a tendency to combine arable farming with grazing, with a rotation of wheat, oats, beans and rape. On such farms 80—100 head of cattle are kept. In such surroundings the Shorthorns have developed, and they may be classified as being in a category entirely unique in Germany. It is probable that the Province of Schleswig and the west coast of Holstein may develop as a Shorthorn breeding district; and when this breed obtains a larger degree of approval in other parts of Germany, Schleswig-Holstein will be known as the district *par preference* from which prominent *sires* and *dams* can be acquired. Next to Schleswig-Holstein the largest district prior to the war for Shorthorn breeding in Germany was the Provinces of Alsace and Lorraine. Shorthorns are also found in other parts such as the Province of Oldenburg where a well-known breeder (H. Lübken, the Surwürden estate) for many years bred some remarkably good animals; and there are several prominent herds in the Provinces of Saxony, Hanover, Silesia, East Prussia, Mecklenburg, Pfalz and in the Rhine Province. More recently herds have likewise been founded in the Provinces of Brandenburg, Brunswick, Pomerania and in West Prussia.

The origin of the idea of commencing breeding Shorthorns in the Schleswig district was caused by a regular demand for fattened cattle coming from Denmark, and as the marshland breeders in Schleswig-Holstein could not as quickly as they desired fatten their own indigenous breeds for the Danish market, some far-seeing men among them went to England and there acquired bulls for crossing purposes. This happened in the year 1843, and when the imported animals shortly afterwards were exhibited and offered for service at the local cattle Shows held regularly at Eiderstedt, Husum, Tondern, and various villages, the farmers immediately recognised that here was a type of cattle that undoubtedly more rapidly than their own native breed could turn the grazing in the fat, marshy pastures into high-quality butchers' meat. A further number of bulls were imported from England and crossed with the Eiderstedt cattle breed, and so successful did this cross-breeding turn out that about eighteen years after the first imports, a "Shorthorn Breeders' Herd Book Association" was formed (1871). Entries were accepted in the Herd Book under two different categories, i.e., (1) for animals imported from England, and (2) for crosses. The new Herd Book Association, however, carried on under great difficulties for some years, but in 1884 when interest in Shorthorn cattle had spread a large number of breeders in Schleswig and Holstein decided to go in for the breed, and since then Shorthorn breeding increased and never met with setbacks. In the 1898 the Chamber of Agriculture for the

Schleswig-Holstein decided to map up the fertile Province into breed districts and all breeding activities were now placed under the control of local committees to which, however freedom of action was left so long as certain rules and regulations were adhered to. The "Association of Societies of Breeders of Shorthorn Cattle" was now formed, and while the number of members actively pledging themselves to breed Shorthorns was only very limited to commence with—527 members in 1900 with 1,131 registered animals—the popularity of the breed developed and ten years afterwards the membership had increased to 2,147 with 5,428 registered animals. Shorthorn cattle are now almost exclusively bred all over Schleswig-Holstein, but there are some districts where the Holstein red cattle are still bred. In the Angeln and Schwansen districts, and in parts of Rendsburg only limited numbers of Shorthorns are bred, but otherwise, one might assert Shorthorns are to day the national breed in this part of Germany. It was chiefly owing to Eduard Lubben's exertions that the Shorthorn Association was brought into being and for many years this eminent and highly successful breeder acted as Chairman of the Society.

In the Herd Book bulls over one year old cows and heifers in calf are registered if they have been passed by the Selection Committee. Only registered bulls

can be used and unless services of such can be proved the progeny is refused registration. As already stated, the Schleswig Shorthorn cattle are classified either as pure bred if they are undisputed descendants of animals originally registered in Coates' Herd Book and their Pedigrees can be proved without any missing links, or as Landrace Shorthorns, but when animals belonging to this category through several generations have shown performance and conformation equal to the pure breeds they can be moved up to the pure bred category. Unless the colour is strictly typically Shorthorn, the Selection Committee absolutely refuse registration. Every year, as a rule in September, bulls are collected and exhibited for Prize allocation at the Showyard of the Society at Husum when catalogues containing particulars and Pedigrees of all bulls which have been passed for examination are available. Shows now take place and interested visitors can here year after year find a remarkable collection of really the animals which demonstrate the high degree of development to which Shorthorn breeding in Germany has been brought. It should be mentioned that the Association maintains an office at Husum from which any desired information may be obtained by correspondence or on personal application. The Husum Tondern District can easily be visited by train from Hamburg.

The Angeln Cattle.

By BREED DIRECTOR B. CLAUSSEN, Angeln. Herd Buch Kontroll Verband Angeln.

In the District of Angeln in North Schleswig-Holstein the cattle breeding industry has been prominent for many centuries. Breeders there have always carefully kept their cattle pure free from any foreign blood, as is demonstrated in old Records of Breeders' Meetings, etc., covering more than one hundred years.

The first Association of Breeders was founded some 50 years ago, and in 1885 the first Herd Book was published. In 1903 the first Board of Control was appointed, and in 1922 this Society was founded. At the present time there are 2,000 animals under control. Officials especially trained for this work control milk and butter fat production and food consumption of every dairy cow for three weeks while the milk is tested by men trained at Institutes where the Gerber Method is adopted. The Herd Book is arranged according to modern requirements special attention being given to performance as well as to the individuality of each animal. Measurements are undertaken of full grown animals according to the Lyden measuring system, and annotations showing the relation between the different parts of the body are entered in the Herd Book. The Angeln cattle are of medium weight from

450 to 500 kilos. Full grown bulls weigh from 8 to 950 kilos. The calves are fed on milk during the first four weeks against a former diet of only 10 weeks, and in their second year hay, straw, etc., is added to their daily rations. The heifers are served at an age of from 20 to 30 months. During lactation the cow is fed on a food mixture somewhat similar to that of Kellner Standards—3½ kilos of hay, 20 kilos roots and 4½ kilos of straw.

One of the chief points worthy of note about the Angeln breed is the advantageous relation between food consumption and increase in weight. A comparison between this and other breeds of the Province will thus disclose the following figures:

Breed	Year	Herd Book	Milk Entry	Milk Kilow age	Fat per cent	Fat Kilos	100 ew produce milk & butter
Angeln Cattle	1914/15	14,710	2973	3.38	100.00	82.6	82.6
Black White Friesians	"	21,775	2936	3.18	83.68	176.8	168.5
Red White Friesians	"	8058	2971	3.35	97.74	201.7	176.8
Angeln Cattle	1915/16	16,192	3,758	3.43	112.59	183.6	177.0
Black White Friesians	"	25,089	4,313	3.17	108.06		
Red White Friesians	"	9,980	9,225	3.40	110.09		
Thus the best cow produced in	1914/15	7431	3.40	252.83			
"	1915/16	62.0	3.83	240.23			

Schleswig Holstein decided to map up the fertile Province into breed districts, and all breeding activities were now placed under the control of local committees to which, however, freedom of action was left so long as certain rules and regulations were adhered to. The "Association of Societies of Breeders of Short horn Cattle" was now formed, and while the number of members actively pledging themselves to breed Shorthorns was only very limited to commence with—527 members in 1900 with 1,131 registered animals—the popularity of the breed developed, and ten years afterwards the membership had increased to 2,147 with 5,428 registered animals. Shorthorn cattle are now almost exclusively bred all over Schleswig Holstein but there are some districts where the Holstein red cattle are still bred. In the Angeln and Schwansen districts, and in parts of Rendsburg only limited numbers of Shorthorns are bred, but otherwise one might assert Shorthorns are to day the national breed in this part of Germany. It was chiefly owing to Eduard Lubben's exertions that the Shorthorn Association was brought into being, and for many years this eminent and highly successful breeder acted as Chairman of the Society.

In the Herd Book bulls over one year old, cows and heifers in calf are registered if they have been passed by the Selection Committee. Only registered bulls

can be used and unless services of such can be proved the progeny is refused registration. As already stated, the Schleswig Shorthorn cattle are classified either as pure bred if they are undisputed descendants of animals originally registered in Coates' Herd Book and their Pedigrees can be proved without any missing links, or as Landrace Shorthorns, but when animals belonging to this category through several generations have shown performance and conformation equal to the pure breeds they can be moved up to the pure bred category. Unless the colour is strictly typically Shorthorn, the Selection Committee absolutely refuse registration. Every year, as a rule in September, bulls are collected and exhibited for Prize allocation at the Showyard of the Society at Husum when catalogues containing particulars and Pedigrees of all bulls which have been passed for examination are available. Sales now take place and interested visitors can here year after year find a remarkable collection of really choice animals which demonstrate the high degree of development to which Shorthorn breeding in Germany has been brought. It should be mentioned that the Association maintains an office at Husum from which any desired information may be obtained by correspondence or on personal application. The Husum-Tondern District can easily be visited by train from Hamburg.

The Angeln Cattle.

By BREED DIRECTOR B. CLAUSSEN, Angeln. Herd Buch Kontroll Verband Angeln.

In the District of Angeln in North Schleswig-Holstein the cattle breeding industry has been prominent for many centuries. Breeders there have always carefully kept their cattle pure, free from any foreign blood, as is demonstrated in old Records of Breeders' Meetings etc., covering more than one hundred years.

The first Association of Breeders was founded some 50 years ago, and in 1885 the first Herd Book was published. In 1903 the first Board of Control was appointed, and in 1922 this Society was founded. At the present time there are 2,000 animals under control. Officials especially trained for this work control milk and butter fat production and food consumption of every dairy cow for three weeks, while the milk is tested by men trained at Institutes where the "Gerber Method" is adopted. The Herd Book is arranged according to modern requirements, special attention being given to performance as well as to the individuality of each animal. Measurements are undertaken of full grown animals according to the Lydin measuring system and annotations showing the relation between the different of the body are entered in the Herd cattle are of medium weight from

450 to 500 kilos. Full grown bulls weigh from 800 to 950 kilos. The calves are fed on milk during the first four weeks against a former diet of only two weeks, and in their second year hay, straw, etc. are added to their daily rations. The heifers are served at an age of from 20 to 30 months. During lactation the cow is fed on a food mixture somewhat similar to the "Kellner Standards"—35 kilos of hay, 20 kilos of roots and 4-5 kilos of straw.

One of the chief points worthy of note about the Angeln breed is the advantageous relation between food consumption and increase in weight. A comparison between this and other breeds of the Province will thus disclose the following figures:

Breed	Year	Herd Book	Milk Entry	Milk %	Fat %	Fat %	100 cwt produced 1 M. K. Fat
Angeln Cattle	1913/14	14109	9723	3.36	100.00		92.69
Black White Friesians		21175	2308	3.12	92.68		1.6
Red White Friesians		8058	4221	3.35	97.74		168
Ang. In Cattle	1915/16	16192	3775	3.43	112.39		133
Black White Friesians		25000	1313	3.17	106.06		133
Red White Friesians		9290	3	3.25	1.40	110.09	177
Thus the best cow produced in		1921/22	7131	3.40	252.83		
		1915/16	6770	3.83	240.25		

The average performance figures for the control year 1927 were 3 391 kilos of milk 3 47% fat and 117 52 kilos of butterfat

The Angeln cattle produce fine textured meat and are remarkable for their fattening propensities. With the assistance of existing records of male and female Pedigrees valuable strains can be easily picked

For names of Angeln Cattle Breeders see page 521

Illustrat on page 508.

Among the best of these the Jürgen 1A 154 Fritz 1A 451 and Hans 1A 578 should be mentioned. Estonia Roumania and Brazil have lately commenced importing Angeln cattle. Increasingly it is being proved that the breed is an economic proposition easily maintained very adaptable to changing conditions of life

The Black-White Cattle in Jeverland, Oldenburg.

By BREED DIRECTOR HUTTINGER Jever Oldenburg Jeverland scher Herdbuch Verein e V

Domestic animal breeding and particularly cattle breeding has always played an important part in agricultural Jeverland where the aim as regards cattle may be expressed thus

Large milk production beauty of form strong body build firm muscles robust constitution

These are the qualities required in the breed in the district where the Jeverland cattle are bred. On such qualities it is held the foundation must rest on which success may be obtained. This heavy breed of milk and beef cattle broad ribbed broad framed yet not lacking in grace is to-day everywhere in demand. Cattle of the Jever breed profitably turn homegrown food into milk and beef and they would everywhere prove splendid foundation animals for any herd

On a closer study of the build of the Jeverland cattle many indications of the perfect health of the breed become apparent. The strong and above all splendidly proportioned frame particularly noticeable in the setting of the legs the deep broad chest and the straight line of the back ending in muscular beautifully levelled hindquarters create a very pleasing impression of absolutely perfect health. The udder is very large and very well formed.

The Jeverland breeder lays great stress on the setting of the legs—that the front legs should be absolutely straight and the hock broad and strong. His paying attention to these points makes for advantageous results and all Jeverland breeders adhere to these and other points the value of which was learned years ago.

Jeverland blood can be traced in all herds of black white German lowland cattle and almost

The board of control of the Jeverland breeding district an influential body of breeders hold that control of milk production should not be carried out by their own officials but by the dairy institute under the Oldenburg Board of Agriculture and in this manner reliable performance results are certainly obtained. Thus 10 Jeverland cows gave a yearly average of 4 225 kilos of milk with 3 46% fat and 146 kilos of butter fat while kept stabled as against 6 200 kilos of milk and an average of 3 63% fat and 225 kilos of butter fat on grazing. One of the reasons for this remarkable increase is the adaptability of the Jeverland cattle to changing conditions.

The average achievement under the notice of the Jeverland board of control for dairy cows during 1927 according to the Records of 31 Societies was 4 405 kilos of milk with 3 08% fat and 124 kilos of butter fat. In 1926 a herd of 36 cows gave an average yield of over 200 kilos of butter fat while the 15 best produced between 223 and 264 kilos of butter fat on average quality grazing. The largest herd average was 6 428 kilos of milk with 3 01% fat and 193 kilos of butter fat and the best achievement of any single cow reached 7 703 kilos of milk 3 27% fat and 263 kilos of butter fat. These figures should be taken in connection with the fact that the year 1926 was not a good average year for grass feeding.

Eleven Jeverland cows are for the time being under supervision and control of the Deutsche Rinderleistungs Buch (German Cattle Breed Performance Register). Among these there are animals which have yielded 100 kilos of butter fat in 82 days not a

The Oldenburg Weser-Marsh Cattle.

By HERR FREISCHMIDT late Breed Director, Rodenkirchen Oldenburg Oldenburgische Wesermarsch Herdbuch Gesellschaft

This breed district lies in the north eastern part of Oldenburg, mainly on the left bank of the river Weser although it only embraces a small area on the opposite shore. It is mostly marsh land watered by the Weser, but there is also good pasture, drained and fertile. Generally speaking, the soil is boggy or sandy. The district also holds some 100,000 hectares of cultivated land on which the cattle stock is counted at about 100,000 head. Of these about 18,000 are at present entered in the Oldenburg Weser-Marsh Herd Book, and 15,000 head are matriculated as young stock. Up till now over 130,000 cattle have been entered in the Association's Herd Book.

Although the soil is of greatly varying quality, the climate, so close to the North Sea, is very equable, cool summers and mild winters being usual, while the rainfall reaches 750-800 mm during the year and is of the greatest benefit to pastures. The main point, however, on which the Oldenburg Weser-Marsh lands score over most other marsh districts along the North Sea coast is its water supply. Here is a veritable, most perfect network of ditches and canals by means of which any superfluous water can easily be drained off, and as the marshes extend further up river, past the salt water penetration at tide time, the gates can be opened to let in fresh Weser river water by means of dykes constructed for the purpose. In this manner the cattle are always provided with fresh drinking water, which unfortunately is not always the case in other breeding districts so near the coast.

The Oldenburg Weser-Marsh Herd Book Association was founded in 1880 at Rodenkirchen, in Oldenburg, and has now 1,300 breeder-members. A similar number of small breeders who are not actual members are permitted to enter their animals in the

Herd Book. Two things are ruthlessly pursued—the absolute stamping out of tuberculosis and control and registration of milk production and other achievements. The cattle stock of about 16,000 cows in 61 control areas, belonging to 1,419 herds is supervised and controlled. The aim is to reach an average production of 4,000-5,000 kilos of milk of a minimum of 3.50% fat for the year, obtained by exclusively utilising home-grown food. This average has already been reached by a large number of herds in several cases even exceeded. During 1926-1927, 24 herds showed an average of over 160 kilos of butter fat, and 32 single cows performed over 200 kilos of butter during the lactation period.

A ruthlessly effected breed selection is always the best guarantee, and in this district considered more important than milk yield and fat % thus we are aiming at an animal of great beauty of form, easy to feed, of hardy constitution early maturing, and the Oldenburg Weser-Marsh breeder loves the animal with a long-stretched body on short legs, plenty of bones, a broad back well rounded ribs, heavy flank and firm muscles. A large, regularly developed udder is indispensable, and the milk and butter fat yield must be satisfactory. The Weser-Marsh cattle as now bred certainly fulfil these requirements. At the German Agricultural Society's Hamburg Show in 1924, a Stuttgart in 1925, at Breslau in 1926, and at Dortmund in 1927 these cattle competed with other German Pedigree breeds and held their own well. At four exhibitions the Oldenburg Weser-Marsh Herd Book Society fetched for 92 animals shown in competition with the East Prussian, the Ost Friesland and the Jeverland Friesians, 4 Champion prizes, 16 prizes of Honour, 30 First Prizes, 30 Second Prizes, 7 Third Prizes, 1 Fourth Prize and 22 Honourable mentions.

For names of Oldenburg Weser Marsh Cattle Breeders see page 522

Illustration on page 509

Cattle Breeding in Pomerania.

By BREED DIRECTOR GAEDE Pomeranian Herd Book Association for Black White Lowland Cattle Stettin Kreck over Strasse 20 Pommersche Herdbuch Gesellschaft für das Schwarz weisse Tieflandirnd

The Pomeranian Herd Book Association, the only Association of breeders of black white lowland cattle in Pomerania, was founded in 1900 through amalgamation of the Baltic Herd Book Association of 1889 and the East Pomeranian Herd Book Association of 1896. Up till now 80,000 head have been entered in the Herd Book. The ideal animals are the indigenous, healthy, medium weight cattle with excellent milk production, high fat percentage, easily fattened. Only animals, which in the judgment of a special Selection Committee have beauty of form and good performances can be selected for breeding and entered in the Herd Book as such. There are two Herd Books

one for Pedigree bulls and cows, and the other for cows without known Pedigree. Milk control is compulsory for every member of the Herd Book Association, and the organisation of the Board of Control for Pomerania rests with the "Association of Pomeranian Cattle Control Societies" under which at present 195 Control Societies with 95,000 controlled cows are enrolled, i.e., 20.5% of Pomerania's dairy cattle. The best Pedigree herds yield an annual average of well over 5,000 kilos of milk. Higher outputs are discouraged as injurious to health and robustness. On the other hand great importance is attached to high percentage of fat in the milk as beneficent in

butter making. The choice of the bull for mating is dictated by his maternal ancestor's milk-fat percentage. The best performances among last year's herds were

AVERAGE PERFORMANCE DURING CONTROL YEAR,
1926-1927

Cows Entry No	Milk Kilos	Fat %	Butter Fat Kilos
5201		3.94	204.80
5538		3.52	195.14
5136		3.67	188.33
5336		3.51	187.14
5530		3.34	184.89
5336		3.51	187.14
5080		3.53	179.22
5417		3.27	177.00

All herds are subject to veterinary control under

supervision of a "Sanitary Commission" appointed by the Chamber of Agriculture for Pomerania.

Bulls and female animals, especially heifers-in-calf, are yearly sent to the eight auction sales at the towns of Stettin, Stralsund and Belgard where Pedigree animals always are obtainable. Every year there is at least one show of Pedigree bulls at Stettin in the auction buildings erected in 1926 by the Herd Book Association. At this exhibition an excellent idea of the material bred by associated members and used for breeding can be obtained.

The Black-White Pomeranian breed has often brought home conspicuous success at the world-known Livestock Exhibitions yearly organised by the "German Agricultural Society."

For names of Black-White Cattle Breeders in Pomerania see page 523

The Lüneburg Black-White Marsh Cattle.

By HUGH NICKSON,
23, FLEET STREET LONDON

The Lowlands Breeds of cattle in Germany far outstrip other cattle breeds, and the "dual purpose" types seem to increase. Along the North Sea belt these lowland cattle certainly dominate, with the exception of the Shorthorn breeding district in Schleswig-Holstein, and the Black-White seem to slowly push out the Red-White cattle. One of the smaller, but by no means unimportant among these Black-White marsh cattle breeds, the Lüneburg Elbe-Marsh Friesians are certainly in the forefront, and the whole breed district, centred round about the medieval town of Lüneburg bears witness to what can be achieved through friendly and untiring co-operation between the Herd Book management and the individual breeder. Among the first of German Herd Book Associations to recognise the enormous importance to breeders of cattle of obtaining an accurate estimate of the value of a breed animal through a systematically conducted milk control, the Lüneburg Herd Book Association has attained a remarkable level of uniformity in the breed district, as will be seen in the results shown in the Table below. This Association whose membership is scarcely more than 2,300 consists chiefly of small freeholders breeding or maintaining an average of 10-12 cows on their small farms. Early in the spring long before the north wind has ceased its icy grip the cattle are taken to the marshes where they are kept until late in October, and during the winter the animals are chiefly fed on home-produced rough feed, and only exceptionally on concentrated feed. During a number of years the most ruthless scrutiny

of the applications for entries to the Association's Register has taken place, and unless the Progenitors of an animal proposed for entry have been in possession of outstanding merits as high milkers with a high fat percentage, while otherwise of distinct qualities, the Herd Book is closed to the applicant.

One among several contributing causes to make the weeding-out process more popular, or at least less painful while promoting the co-operative spirit among the Lüneburg Herd Book associated members and stimulating to new efforts, is the system of "Consultation-Offices"—"Beratungs-Stelle"—established at various places within the breed district in charge of officials who, each in their special district, are always at hand with expert advice on matters in reference to breeding, weeding and feeding when applied to. As a rule, these men are young University- and otherwise trained sons of farmers with a keen interest for their business.

The Lüneburg Breed Area is now divided into 65 Milk Control Districts in which the number of controlled members vary from 210 to 500, each Association being regularly controlled, and if the report of the Official to the Herd Book Association Headquarters at Lüneburg should point out that milk yield or fat percentage for one reason or another is not as it should be, the Management immediately look into the matter or examine whether local conditions might have contributed to the results obtained. In this manner has it been possible to steadily improve the milk yield and the fat percentage, and to level up the average milk yield among these 65 Associations thus

District Number of Milk Control Association	Milk Control Association Name of District	Control Year 1926				Control Year 1927			
		Total Number of Controlled Cows	Average Annual Milk Production Kilos	Average Yield of Butterfat Kilo	Average Milk Fat %	Total Number of Controlled Cows	Average Annual Milk Production Kilos	Average Yield of Butterfat Kilo	Average Milk Fat %
1	Ahlken	269	3509	108	3.07	272	3900	120	3.08
2	Altenordingen	321	3625	115	3.16	393	3821	124	3.20
3	Amelngshausen	214	3849	122	3.17	315	4011	127	3.27
4	Ashausen	302	4245	131	3.15	300	4143	130	3.14
5	Barum/Lüneburg	284	4554	143	3.13	291	4591	144	3.14
6	Bodenteich	270	4107	132	3.21	262	4312	142	3.30
7	Bortel	272	4812	156	3.23	268	4927	161	3.26
8	Brackel	280	4035	127	3.14	276	4443	148	3.28
9	Buchholz	262	4065	120	3.09	298	4530	137	3.17
10	Carze	301	3833	117	3.05	320	3848	117	3.04
11	Cleuze	242	3247	101	3.11	241	3690	114	3.10
12	Dahlenburg	419	4015	133	3.31	437	4207	139	3.31
13	Dannenberg	296	3938	124	3.16	294	4392	142	3.22
14	Dannenburg	359	2777	89	3.20	318	3212	104	3.23
15	Dorfmark	240	3914	128	3.27	269	4036	134	3.33
16	Drawehn	231	3542	113	3.15	240	3404	107	3.14
17	Ebstorf	413	3879	128	3.31	548	4100	135	3.30
18	Echern	281	4519	142	3.15	286	4491	145	3.2
19	Eversdorf	301	4304	141	3.25	345	4340	142	3.2
20	Eversdorf	286	4206	133	3.16	326	4522	142	3.1
21	Fahrenberg	278	3304	104	3.08	297	3576	109	3.0
22	Gamsen	301	3813	119	3.11	312	3865	124	3.2
23	Garlow	255	3082	95	3.07	255	3227	101	3.1
24	Gartow	318	4044	125	3.10	330	4318	137	3.1
25	Glathagen	236	4136	123	3.13	297	4101	129	3.1
26	Gr Moor	291	3378	103	3.04	289	3558	112	3.1
27	Hambühren	281	4570	141	3.07	235	4671	150	3.21
28	Handorf	254	3637	118	3.25	221	4068	129	3.1
29	Harburg	284	3811	117	3.23	357	3927	126	3.2
30	Hassensiel	278	4043	133	3.29	288	4376	144	3.25
31	Hemmenburg	295	4241	128	3.02	220	4710	144	3.25
32	Hoppe	222	4852	150	3.23	270	4174	145	3.25
33	Jameln	222	3739	118	3.15	251	4078	133	3.26
34	Kirchbötzen	275	4334	134	3.07	438	4241	136	3.21
35	Kirchgallensen	268	4214	129	3.07	242	3765	119	3.17
36	Kl. Eickeln	237	4555	144	3.15	249	4386	138	3.14
37	Laschings/Stockte	251	3198	100	3.13	222	3537	112	3.1
38	Lengow	299	3589	117	3.17	229	4014	123	3.30
39	Lückau	291	3719	114	3.17	295	3542	113	3.20
40	Lüchow	492	3722	117	3.15	491	3929	123	3.12
41	Lüneburg	251	3543	109	3.06	356	3866	125	3.15
42	Miden	277	3777	123	3.26	322	4059	134	3.30
43	Münster	231	3459	107	3.08	279	3949	123	3.12
44	Neubaus	240	4558	145	3.18	242	4853	154	3.17
45	Oldershausen	224	3503	110	3.13	217	3906	119	3.04
46	Ostenholz	316	3922	117	2.99	324	4241	133	3.12
47	Pommern	322	3431	107	3.09	311	3780	120	3.16
48	Pommersel	274	4232	131	3.08	250	3711	121	3.25
49	Quickborn	112	3530	112	3.18	123	4932	137	3.13
50	Rieste (früher B. ennbüttel)	246	4373	140	3.20	286	5106	162	3.17
51	Rönne	249	4284	138	3.21	262	4651	148	3.18
52	Rottorf	224	3235	100	3.10	269	3704	115	3.11
53	Schellau	337	3816	129	3.30	330	3989	133	3.46
54	Schleudorf	420	4205	135	3.21	297	4731	142	3.29
55	Sohnedringen	260	3646	118	3.23	270	3794	125	3.30
56	Schwarmstedt	269	3915	127	3.24	258	4390	145	3.29
57	Schraau	293	4717	152	3.39	299	4711	150	3.10
58	Tönhausen	253	3674	118	3.22	290	3703	115	3.19
59	Toasted	320	4040	134	3.31	354	4204	142	3.39
60	Uelen I	3.2	3661	128	3.50	351	4076	143	3.80
61	Uelen II	271	4197	130	3.10	359	4190	134	3.20
62	Walsen	200	3910	133	3.39	328	4067	139	3.13
63	Wierow	300	4063	145	3.58	369	4100	149	3.64
64	Wrestedt								

A study of the above Table will demonstrate the remarkable levelling-up process in milk yield and fat percentage that took place during the years 1926 and 1927.

Among the cows in this breed district, the following in the "Kirchgallensen (No. 35) Control Association" deserve to be specially mentioned:

Cow	Königin	10593	8 Kilos Milk	332	150 Kilos Fat
" Sternik	9747	5	"	222	145
" Regina	6501	0	"	222	504
" Löwen	6415	"	"	218	641
" Krose	7254	8	"	230	963
" Köwen	8751	2	"	217	116
" Iva	6719	1	"	201	605
" Liz	5567	6	"		

and the following small herd in the "Isenhagen District" showed an average milk production of 7005.6 kilos, and 3.41% milk fat, on which result these animals were admitted for entry in the Herd Book Register:

Cow	Love	48344	born 1924	6348	8 Kilos milk	3.46% Fat
" Flora	48347	"	1919	7417	8	3.31%
" Amanda	48349	"	1920	7640	0	3.23%
" Laura	48341	"	1919	7639	7	3.24%
" Lena	48342	"	1922	7118	4	3.31%
" Rosa	48343	"	1923	7629	2	3.56%

The average milk fat percentage has been systematically increased from 3.08% in 1922 and 1923 to 3.13% in 1924 and 1925, 3.16% in 1926, 3.18% in

1927, and illustrates that a general level is achievable in a breed district when a suitable feeding Formula is based on, but varied in individual herds according to local experience, and regulated in accordance with the modern Feeding-Technique. With the passing of the year 1927, the Lüneburg breed district has entered the 3,000 kilos. milk per head per annum-minimum, as in no district the annual report shows less. Out of the number of 65 Milk Control Districts, 24 districts could show from 3,000 to 4,000 kilos milk, 40 from 4,000 to 5,000 kilos. milk and 1 district more than 5,000 kilos.

Quite recently the German Agricultural Association—"Deutsche Landwirtschaftliche Gesellschaft"—adopted the American system and founded the "German Dairy Cattle Performance Register"—"Deutsche Rinder-Leistungs Buch"—through which it is aimed to create, by means of an absolutely reliable control of performances, exact knowledge concerning the maximum milk production of German dairy cattle, so that, on the basis of this knowledge, trustworthy material might be obtained to serve for propaganda in foreign countries where it should be possible to market German-bred Pedigree live stock. The Organising Committee which handles this is now working in conjunction with a number of Animal Breed Institutions as well as with Universities and Agricultural High Schools. The scrutiny of these cattle performances is placed with a number of trained inspectors who con-

stantly visit those herds which hold animals admitted to the Performance Register, on every visit subjecting these to a three days' test. It will thus be seen that this Performance Register has a national function to fulfil and that it should succeed, if co-operation proves popular, to bring out the best animals in the herds and, by degrees, the best herds in the country. It may, however, be questioned whether the system, as such, is the most effective, seeing that it rather works towards bringing out to the public gaze the individual animals in the herd which are remarkable for their performances, while, on the other hand, the value of the breed, and the breed district in which it is chiefly reared, can be better judged through obtaining a "fair average" of all the Herd performances in the district. Also, the cost of Performance Control seems excessive—in the Lüneburg district it has worked out at £50 (Mks. 1000) per animal.

In the Lüneburg Herd Book Association district five cows were admitted to the Performance Register, i.e., "Bertha" (No. 5771—46,136) which during 365 days yielded 8,859 kilos. milk and 3.74% fat; "Annita" (No. 3468) aged 7 years, which in 305 days gave 8,032 kilos. milk and 3.34% fat; "Minka" (No. 30,890) aged 10 years, which in 365 days gave 8,670 kilos. milk and 3.94% fat; "Stine" (No. 39,573) which in 355 days gave 8,377 kilos. milk and 4.04% fat; and "Krähe" (No. 38,084) which in 305 days gave 7,419 kilos. milk and 3.58% fat.

For names of Prominent Breeders of Lüneburg Black White Marsh Cattle, see page 523.

Friesian Cattle Breeding in East Prussia.

By DR. PETERS, BREED DIRECTOR, Königsberg and DR. SCHMIDT, BREED DIRECTOR, Insterburg

Practically only one breed of cattle exists in the Breeding districts of East Prussia, the Dutch Black and White Friesians. Some years ago a limited number of Red-White Schleswig-Holstein cattle and also the East Friesland breed could be seen, but they have been almost entirely supplanted by the Dutch breed which now comprises 95% of East Prussia's cattle stock. These cattle were chiefly imported from Holland, and sparingly from East Friesland and Oldenburg during the middle of the last century. The East Prussian breeders, however, found that their choice of a suitable breed could be best satisfied by selecting the Dutch Friesian cattle; and once they decided on these, they were determined on keeping this breed absolutely pure. Since 1850 when the last batch of Polistine animals was imported, the breed has developed in East Prussia on independent lines.

There are extensive pastures in the Province, especially in the northern and southern parts, and these enable the farmers to graze their animals during the greater part of the year. During the winter they must be kept in the stable, but the natural rough climate has developed hardiness and at the same time their breeding propensities. There are no especial

milk-producing centres, and very few such for fattening purposes; and, therefore, the chief aim is to breed young stock of Pedigree strains for sale. The ideal animal must combine a rich milk yield with heavy but beautiful shape, and hardy constitution with easily fattening ability. Uniformity in shape and colouring is kept in view. Supervision and general management of the breed rests with three breed Societies, i.e., the Herd Book Society founded in 1882 at Königsberg; the Herd Book Society founded in 1911 at Insterburg, and the West Prussian Herd Book Society established in 1889 at Marienburg.

These three Societies comprise twenty-five per cent. of the total cattle stock of the Province of East Prussia, estimated at 1,250,000 head.

THE EAST PRUSSIAN FRIESIAN HERD BOOK SOCIETY.

The East Prussian Herd Book Society is the largest breed Society in Germany, with about 150,000 pure-bred cattle selected for breeding. The figure includes a number of young cattle. All herds registered under this society are controlled, and only pure-bred animals with an unimpaired Pedigree can be entered in the Herd Book and used for breeding. To be entitled for selection bulls must have tested

an age of two years and passed a preliminary examination at an age of 10 to 24 months while cows must have borne one calf. Great importance is attached to a satisfactory milk production and thus every herd must submit to strict milk control. Individual and herd performances are controlled by special officials every fortnight when milk yield, percentage of fat and the quantity of food consumed are recorded.

The Dutch Friesians have a natural propensity for milk production and this of course can be greatly stimulated by adequate feeding. Thus during the years 1906-1910 at the series of tests of performance of the various breeds carried out by the University of Bonn at Poppelsdorf 12 East Prussian Friesian cows yielded during the first 365 days an average of 7 700 kilos of milk with 3.05% of fat and 235 kilos butter fat. At tests during the years 1923-1925 carried out by Professor Hansen at Koppelhof near Berlin 12 tested East Prussian Friesians gave a yearly average of 8 378 kilos of milk with 3.69% of fat and 309 kilos butter fat. These figures clearly demonstrate that during the last 20 years the milk yields of East Prussian Friesian cattle and especially the percentage of fat has steadily increased as a result of much improved methods of feeding. The best result was obtained from a cow Hortensia Nr 130760 who yielded 10 315 kilos of milk with 3.25% of fat and 363.5 kilos butter fat although still higher yields have been obtained from cows entered in the German Register of Cattle Performances founded as recently as October 1st 1926. Thus a number of registered cows did very well during a lactation period of 365 days as shown in the following table—

No of Cow	M k Yld	Fat %	Butter Fat k los
156 134	9 020 k los	4.39	393.56
VK 51 285	9 102	3.98	361.96
153 678	9 016	3.65	328.96
137 732	8 150	3.72	303.28
135 736	6 980	4.51	314.76

Such yields of course only result when the feeding is correspondingly adequate. In the breeding herds in East Prussia on the pasture in summer and with scarcely any concentrated food during the winter months the breeders aim is healthy robust young stock from prominent parents showing excellent records of performance. Consequently the animals are never forced to reach the highest possible standard of milk production.

During the milk control year 1926-27 the average yield reached 3 540 kilos with 3.28% fat and 116 kilos butter fat. The highest total of a single herd yield was 6 348 kilos of milk with 3.43% of fat and 218 kilos butter fat while

2 herds	gave an average per cow of	6 000 k los
18	" " " "	5 000
250	" " " "	4 000

The East Prussian Friesians are good beef producers. A very broad very deep body is systematically evolved as it has been proved over and over again that only animals so developed remain robust and healthy while kept at a high pitch of performance under the influence of East Prussia's rough climatic conditions. The animals are therefore correspondingly heavy

and the full grown bulls weigh 1 000 to 1 200 kilos and the cow in good breeding condition 550 to 700 kilos often more.

At yearly shows organised by the German Agricultural Society the breed has attained considerable success. At 17 exhibitions where 1 357 animals were shown the following 982 prizes were obtained—

82 Prizes of Honour
189 First Prizes
178 Second
137 Third
114 Fourth
254 Honourable mentions

Sales of Pedigree stock take place at the regularly occurring auctions but animals can also be purchased in the stables of the breeders. The largest and best attended auction sales are held monthly at Königsberg where the visitor has an excellent opportunity to see and to purchase. These monthly sales as a rule dispose of 200 bulls 12 years old and 200 cow and heifers in calf. The auction sale catalogue states: For the Bulls—Milk production of female progeny back to the 3rd generation for cows—own and mother milk yield for heifers—mother's and grandmother milk yield.

Speaking generally Bids at these auctions never run up to large figures on account of the Province of East Prussia being geographically cut off from the rest of Germany.

When requested the managers of the Herd Book Society are agreeable to state the prices paid at previous auctions and the Society undertake to purchase and transport animals on behalf and for account of interested parties unable to personally attend sales.

The East Prussian Friesian cattle easily adapt themselves to new local or climatic conditions. During the last few years large consignments have been shipped to Czechoslovakia Austria Hungary Galicia and the Baltic Republics and these animals have done well whenever they were imported and continued their excellent milk yields.

The HERD BOOK SOCIETY OF BLACK AND WHITE CATTLE BREEDERS in East Prussia with headquarters at Insterburg is another among the larger German cattle breed Societies. Its membership include 1 400 large estates and farms and 40 000 Herd Book cows under compulsory milk control about 3 000 bulls and 60 000 head of young Pedigree stock are registered.

Since this Society was founded milk control has become compulsory and only cows which have reached a certain Standard of Performance have been entered in the Herd Book. The Society is therefore remarkable for very high milk yields.

The last yearly record was completed on 1st March 1927 and showed an average milk production in all herds belonging to the Society of 3 555 kilos with 3.22% of fat and 114.32 kilos butter fat. To appreciate these figures it should be pointed out that in most of the herds feeding is rather scrappy. For years they have

been bred with a view to satisfactory performances as well as beauty of form. The Herd Book contains many cows which have done well—as for instance the best cow in the year 1926-27 which yielded—

9,079 kilos of milk with 3.68% fat and 334.51 butter fat

6 Cows are entered which gave over 8,000 kilos. of milk

30 " " " " " 7,000 " " "

225 " " " " " 6,000 " " "

1,725 " " " " " 5,000 " " "

One herd reached an average for all cows of 6,088 kilos of milk with 3.09% of fat and 187.91 kilos butter fat; while

18 Herds reached an average of over 5,000 kilos of milk

322 " " " " " 4,000 " " "

Worthy of special mention is a cow, "Koralle," which gave 10,080 kilos. of milk—the best performance in all Germany up till the year 1926

For names of Friesian Cattle Breeders in East Prussia, see page 525.

Illustration page 507.

Cattle Breeding in Bavaria.

By BREED DIRECTOR HEROLD Passau Das Hohensteckvieh in Bayern—Passau, Wittgasse, 2

The Cattle Stock in Bavaria comprises various breeds of which some seven-tenths are Piebald Alpine cattle. These are to be found in all districts of Bavaria from the Alps and the Swabian Bavarian Plateau in the south, across fertile undulating country, up to the Spessart mountains and the lower reaches of the River Main. They exist at various altitudes, from 200—1,600 m. The Bavarian Piebalds are a strain of the German Piebald cattle, showing the character of the Simmentaler breed. It is the foremost breed in the neighbouring countries of Württemberg, Baden, Hessen and Thüringen. As is natural over such a large area, climate and the character of the soil vary considerably. Typical Piebald cattle are of broad and deep build, easily fed, robust and of medium height, suitable for work, milk and meat production. The weight of the cow is from 600-700 kilos, reaching, under favourable conditions, as much as 800 kilos. The weight of the full grown bull is from 1,000-1,150 kilos. The colour is yellow or red piebald, i.e., white with yellow or red patches and spots in all shades. Head and feet are generally white.

The calves remain 4 to 6 weeks with their mothers, bull calves often longer. After being weaned they are fed on milk, or skimmed milk mixed with linseed meal for a period of about 6 months. Choice hay, crushed oats or barley, linseed meal and phosphate of lime are given dry. Bull calves not used for breeding are fed with special care. All over Bavaria opportunities exist

Another cow, "Titania," which repeatedly took First Prize at German Agricultural Shows for beauty of form and performances, yielded on a four years' average 6,360 kilos. of milk with 3.36% of fat and 211.12 kilos. butter fat.

Results achieved at auctions of Pedigree animals which take place every month at Insterburg, demonstrate the general popularity of the animals belonging to this breed Society. Thus at every auction some 100 young bulls ready for service, and 200-400 heifers in-calf are entered for sale and invariably sold; and purchasers invariably return, again desirous of buying. The performances and high qualities of these animals are to be seen in the catalogues which contain milk yields and Pedigrees.

commonly as much as from 4,000-5,000 kilos. of milk may be met with. During 1926-27 the best Piebald dairy cows among animals under control of the Associations gave the following yields:

Cows Entry No.	Milk, Kilos	Fat %	Butter Fat, Kilos.
6,242	6,888	3.79	261.07
12,822	6,252	4.17	260.97
24,154	6,043	3.02	182

The meat of these Bavarian Piebalds is highly valued, as it well deserves. Their reputation as draught animals is likewise high; while their early maturity is, comparatively speaking, noteworthy.

Prominent Pedigree strains of proved performances have enjoyed appreciation all over the breeding area where such animals are obtainable at local sales arranged by the various Piebald cattle Societies during spring and autumn. Bulls are sold at auction sales at Munich every year.

The various Bavarian Piebald Cattle Societies are joined up in a Central Herd Book Association, the offices of which are at Passau in Niederbayern, address Wittgasse, 2. Those Societies which thus have founded the Central Herd Organisation are:

Alpine Piebald Cattle Breeders' Association at Mondsee	
" "	" Malsbühl a. Inn
" "	" Pöchlarn a. Inn
" "	" Teufelsbrunn
" "	" Landsee
" "	" Passau
" "	" Landsee (Kriegelsdorf)
" "	" Wessling

Sheep Breeding in Westphalia.

By BREED DIRECTOR EBBINGHAUS, Paderborn Westphalia
Provinz Westfalen

Das Deutsche schwarzkopfige Fleischschaf in der

Since the middle of the last century the Black-faced mutton producing sheep has been bred in the Province of Westphalia. The present breed dates to 1850 when Southdown rams were imported to improve the indigenous landrace sheep. Cross-breeds were now used as foundation stock for rams of Pedigree Oxford and Hampshires, such having been bred since the year 1875. Through carefully interbreeding these the present breed of German Black-faced mutton sheep was slowly evolved. It combines the massive, early developing Hampshires with the close textured quality "c" wool of the Oxfords and is now indigenous to Westphalia. No animals bred abroad are used. This breed has proved most suitable as it thrives on scrubby grass and on the stubbles, remains of roots and potatoes after the harvest, or on whatever else there may be left over on the farm.

The principal breeding districts are in the mountainous parts of the Province of Westphalia, sometimes at altitudes of 800 metres above sea level, where the soil only produces scrubby, less nourishing grass. Except during very cold winter months, the sheep are on the grass all day long driven into enclosures at night, which system demands robust constitution and indifference to weather conditions. As grazing in the mountains is often miles away from the farms, the sheep at an early age learn to walk long distances. Management of breeding is controlled by the Flock Book Association for the German Black faced Mutton Sheep in the Province of Westphalia, with an office at Paderborn. Thirty Pedigree flocks from this Association with 19,321 rams and ewes are entered in the Flock Book, for which it is stipulated that a Pedigree Black faced flock prior to entry being granted must have existed at least 10 years. The Flock Book Association is now recognised as a Breeding Association by the German Agricultural Society, whose regulations are strictly observed in the management of flocks. The aim is to breed a prolific, early maturing heavy, black faced mutton producing sheep of robust constitution growing quality "c" wool.

Feeding conditions differ greatly in this Province but in spite of this a very uniform breed has developed proving the adaptability of these sheep. The head is of medium size, without horns, with well developed ears. The neck is short, well set, and the fore quarters do not narrow behind the shoulder, a fault which precludes an animal from being used for breeding. The back is short, broad and level, and must not be curved. The loins are broad, low set and full, and the legs short, strong and exceedingly well set. Measurements show the following average for all the flocks.

	Full grown Rams (2-3 years)	Full grown Ewes (3-4 years)
Length of Body	86 cm.	78 5 cm
Shoulder Height	74 "	70 "
Depth	40 "	39 5 "
Width	36 "	29 "
Width of Pelvis	34 "	30 "

The wool is of "c" quality, medium staple, of uniform elasticity, the length from 12-16 cm, colour pure white. The yield of unwashed wool is uniformly 54-55%, great weight being attached to a fine quality "c" fleece.

In the process of evolving this breed, rams and ewes from strains remarkable for fecundity, wool and mutton production have been used. The age of 18 months is considered suitable for pairing. Rams and yearlings are tested 2-3 times before entry in Flock Book is admitted. The lambs are under supervision from their fifth month onwards, in order to obtain satisfactory records concerning increase in weight, quantity and texture of wool, health and constitution. A special standard has to be reached, thus at an age of one year a ram lamb must weigh 60 kilos, with kilos of wool, and the ewe lamb 50, and 3 5 kilo respectively. Results of tests are entered in the Flock Book, and the lamb is now ear-marked.

The fecundity of the ewes is strictly observed and entries thereof made in the Flock Book. On an average, 91 5% lamb normally, but a flock average for the whole Association of 100% is very often reached fourteen per cent of the ewe lamb twins. The average may be stated as 115 lambs to 100 ewes.

The following table illustrates the relation between live weight and wool production.

	Live Weight		Wool Production	
	Average	Max	Average	Max
	Kilos.	Kilos.	Kilos.	Kilos.
Full grown Rams (2-3 years)	150	180	6	8
Full grown Ewes (3-4 years)	65	93	3 9	6 5
Yearling Rams (13 months)	85	110	4	5 5
Yearling Ewes (13 months)	60	71	3 5	5 5
Ram Lambs (5 months)	42 7	54 5	1 5	2 4
Ewe Lambs (5 months)	35	42	1 5	2 8

A live weight of 100 kilos should therefore correspond to an average wool production from a mother ewe of 6 2 kilos and from a yearling sheep of 8 7 kilos.

The flocks generally hold 100-250 ewes, while one ram serves 40-50 ewes, but he does not run with the flock, as no mating is allowed until selection under supervision of the breed director has taken place. July and August are considered the best months for pairing, so that the lambs can be born in December-January, by which arrangement the ewes can graze until the end of the year. When stabled in December, the ewes are shorn before lambing. Shearing is done once a year only. The ewes are winter fed on grass and clover hay, straw and roots, but if with lambs 1 kilo of dry food—oats, cake, etc.—is extra allowed for each lamb. At three weeks old the lambs get oats, on reaching seven weeks old also cakes and dried yeast until they are five months. Salt is supplied in blocks. In March-April the lambs are taken on the grass and when five months old weaned, usually in May-June. Lambs not kept for breeding purposes are sold to the butcher on obtaining a weight of 40-45 kilos. The ram lambs selected for breeding receive while on

grass a daily extra ration of $\frac{1}{2}$ -1 kilo of oats or beans, cake, etc

Lambs are generally sold to Berlin, Frankfurt, Hamburg and Cologne live stock markets where they fetch from Marks 1.40 to 2 per kilo live weight. Yearling rams are sold at the Flock Book Association's auctions held at Paderborn, to which only animals of first rate quality are admitted. Breeders from all over the country visit these auctions where the demand always is great. Rams fetch here an average price of Mk 400-500 while choice animals often take from 3,000-4,000 Marks. All animals are sold exclusively through the Flock Book Associations. The wool is sold at the German Wool Company's auctions held at Berlin where the Westphalian product always is especially in demand, fetching Marks 130 per 50 kilos of unwashed wool. This is chiefly used in yarn manufacturing.

At Exhibitions held by the 'German Agricultural

For names of Breeders of Westphalia Black faced Mutton Sheep, see page 529.

Illustration page 511

Sheep Breeding in East Prussia.

By BREED DIRECTOR F. LILIENTHAL, Merino & Schwarzkopfige Fleisch schaf Zuchtvereine, East Prussia, 2, Handelstrasse, Königsberg

The Province of East Prussia has to-day a stock of some 250,000 sheep, of which number some 50 per cent are Landrace sheep, while all have more or less drawn blood from the Black-faced mutton sheep race. Then there are some 70,000 pure bred Merinos and about 60,000 pure-bred Black-faced mutton sheep, and of these, nearly all pure bred animals, two types are entered in the Flock Books. In East Prussia there are two Associations of sheep breeders, one for the breeding of the Merino mutton sheep, and the other an Association of breeders of the improved Black faced mutton sheep. The Merino mutton sheep breeder works towards developing an animal producing wool in the "A" quality while at the same time developing its mutton propensities. The breeder is also anxious that the lambs on reaching an age of six months should obtain a live weight of 1 Cent. The fecundity is now in well kept flocks between 100% and 140%. Every year in the month of April an auction for breed animals is arranged where as a rule 200 rams and from 300-500 ewes (yearlings) are exhibited. In the breed district there are many flocks of considerable standing and reputation such as the Traupel Flock which has existed more than 100 years, the Wiese Flock which was founded some sixty years ago, etc. In these flocks well known and prominent animals have been bred such as the ram "Kalmula" in the Wiese Flock, an animal that has set its stamp on numerous progeny, with magnificent wool production of a fine staple, and beautiful body form. Rams as well as ewes are without horns. The selection of breed animals is carried through most rational and no

For names of Sheep Breeders in East Prussia,

Society" the Flock Book Association competes with other German Black-faced mutton breeds—Hampshires, Shropshires, Oxfords, Suffolks—and so far has won

In 1922 Nuremberg

First and Champion prizes for the best home bred ram of mutton breed

In 1924 at Hamburg

First prize for the best collection of Black faced mutton sheep

2 First and Champion prizes in the class of Rams

2 " " " " " " " " Yearlings

In 1925 at Stuttgart

First prize for the best collection of Black faced mutton sheep

2 First and Champion prizes in the Class of Rams

4 " " " " " " " " Yearlings

In 1927 at Dortmund

First prize for the best collection of Black faced mutton sheep

First and Champion prizes for the best Group of Pedigree sheep

animals permitted to breed unless they are absolutely up to standard

The Merino sheep breed within the Province is chiefly to be found in the southern parts of Prussia, but there are several prominent flocks in West Prussia, among which the Dietrichsdorf, the Littschen, the Thiergarth and the Klein Bertung Flocks should be specially mentioned. The Association for the breeding of the improved Black faced mutton sheep originated through the imports of Hampshire and Oxford Down sheep, and systematic breeding has developed with a view to combining the best qualities of each of these two breeds. The breeders have certainly succeeded in their efforts to create a prominent breed, as the sheep now bred in this district produces wool in the "C" quality, even finer, while the quality of the mutton is excellent and the carcase percentage normal. As a point of fact, the mutton produced by these Black-faced sheep is generally obtaining 5 Pfennigs per lb live weight more than other sheep. At an age of six months the lambs, as a rule, weigh from 100-120 lbs., while on more intensive feeding this weight is very often increased.

As very prominent flocks from which breed animals have spread to many parts of the Province and thereby assisted in developing the Black faced mutton sheep breed, the following deserve to be mentioned: the Traupel Flock at Königsberg, the Schramm-Gebell at Naddau, the Bock at Thierau, the Gieseler-Gebell, and the Hübner-Gebell. These and other prominent flocks can be visited any time of the year, parties apply to the Chamber of Agriculture for Prussia, address No 2, Hildesheimer Platz, Berlin.

529 and 531.

Illustration page 511.

Pig Breeding in Oldenburg.

By BREED DIRECTOR DR IMMLER, Bad Zwischenahn—Ammerlander Pig Breeders Association Ammerlandische Schweine Zucht Genossenschaften

At a little distance of the old Hanseatic city of Bremen in Oldenburg a comparatively small but exceedingly beautiful district opens up, called the Ammerland. Here pig breeding, facilitated by excellent feeding and rearing conditions, has reached a wonderfully high standard.

As is the case in many other parts of Germany, the origin of the Ammerland pig dates back to the indigenous landrace pig a large-boned, long legged narrow-ribbed flat bodied animal with a long drawn head, whose most outstanding quality was robustness. Some 80 years ago the Germans commenced to develop a taste for better quality meat, and the Ammerland pig was condemned as an impossible proposition. Breeders in Ammerland, however, got together to see what could be done to their beloved pig, and decided that the quality of the meat had to be improved by means of introduction of new blood. Inter-breeding and crossing with Yorkshire, Lincolnshire and Berkshire Pedigree boars from England were resorted to, and gradually, after many disastrous failures much experimenting, and many cruel disappointments, a new pig was evolved to day known as the pure bred German large white pig.

In Ammerland it was early evident that legal measures ought to be taken to protect and promote the breed. Thus it came about that in 1886 only boars could be selected and used for breeding, while in 1891, at a great exhibition at Bremen, the Ammerland breeders could demonstrate a certain, if modest, degree of success. In 1894, however, a great step forward could be taken, as the number of breeders had now increased, and so the "Ammerland Pig Breeders Association" was founded. Since then progress has been continuous because the management of the Association has been in competent hands. Warned by failures elsewhere, no attempt was made here to breed a 'super' pig, the aim being the breeding of a pig of fixed type combining all the requirements of the market, while retaining robustness and high fecundity. This pig was evolved, and the 'Ammerland type' has now become the model type for the whole large white pig breed of Germany, while even further afield in many foreign countries the Ammerland prototype is followed. In central Europe, even in other Continents this pig is now adopted as the best type for a native landrace pig. The Ammerland pig is a splendid animal with its large frame long, beautifully broad back, well-rounded ribs short well set neck, a head of moderate length, slightly turned up nose, broad forehead, medium sized, upright ears, strong body build

and very low and very full hams. It rapidly develops and is ready for the market at a remarkably early age. It produces excellent bacon—indeed "Ammerland Pig Products" such as bacon, mild-cured hams and sausages are to day renowned all over the world, everywhere, when exhibited, fetching prizes.

Accustomed from early youth to being turned out on grazing, the Ammerland pig is not susceptible to illness. Epidemics are unknown in the breed district.

Breeding is mostly in the hands of the peasants. The breed of to day has been built up on excellent Pedigree male and female lines. A considerable number of animals which have been proved to have passed on to their progeny certain outstanding qualities—beauty of form, fecundity, and fattening propensity—have become famous in Herd-book Annals in Germany. As figures always "tell," may it be stated that many an Ammerlander litter has been sold at £150-£300 even more. Tests of performance are compulsory in the breed district, and are under the control of the Husbandry Department of a well known University. Every boar and sow must be selected for breeding by a special Committee elected for this purpose, and when selected they have to be shown at certain local centres where Pedigree animals compete for prizes. At the annual Shows of the "German Agricultural Society" the Ammerland breed is meeting with increasing favour and greater success year after year.

In 1926 300 litters were examined in Ammerland with the following result:

It was proved that the best mothers are always the most prolific while their litters invariably show a higher percentage of survival. Further, it was proved that the large litters invariably are individually stronger and capable of more rapid growth than are small litters. Out of the "Experiment" mothers, 50% bred litters of 11-2 youngsters, and of these 9-8 survived, i.e. a percentage of 88, with an average litter weight reaching at 4 weeks 66-5 kilos. The average litter weight of these 300 "Experiment" litters obtained at the age of 4 weeks was 50-6 kilos. Experience has fully proved that the Pedigree registered pigs in Ammerland show an average increase in weight of about $\frac{1}{2}$ kilo a day. At an age of 6 months they weigh as a rule 100 kilos though very good specimens often attain this weight at an age of 4½ months. Too rapid development is, however, more suitable for animals set aside for fattening.

The Champion boar at Dortmund in 1927 weighed 317 kilos at an age of 15 months.

For names of Ammerlander Pig Breeders see page 531.

Illustrat on page 512

Oldenburg Association of Pig Breeders.

Livestock breeding in Oldenburg is the mainstay of agriculture owing to climatic and soil conditions. Breeding of horses, cattle, sheep and pigs is highly developed.

The Oldenburg Association of Pig Breeders, domiciled in the town of Oldenburg, was formed for the purpose of promoting breeding of the Pedigree Landrace Oldenburg pig, and since its foundation in 1907 the Association has steadily grown in membership and activities and to day its breed district covers more than three quarters of the country. Prior to its foundation, various smaller breed associations existed, the oldest of which was founded as early as in 1894. The present Association works in co operation with the Chamber of Agriculture for Oldenburg and is acknowledged by the "German Agricultural Society," Berlin.

The breed district comprises an area of 3 600 square kilometres with a stock of about 200 000 Pedigree Landrace pigs of which about 3 000 animals and their progeny were entered several years ago in the Association's Herd Book. The number of members is now 800, representing small, middle sized and large farms.

The Association works towards systematic improvement in the breeding of the Pedigree Landrace pig with a view of developing fecundity, early maturity, robustness, a well developed body, and ability of turning rough feed into meat. Every year a Committee is appointed to select breed animals for the breed district,

and the Committee acts also as Judge when inspecting and travelling through the district, and in this manner it has been found that breeding on generally adopted lines can best be carried out.

The Association runs its own Herd Book and arranges for entries, and looks after its representation at the "German Agricultural Society's" many exhibitions. It handles Pedigree sales through auctions and carries on propaganda on behalf of the members with a view of finding purchasers for their breed animals. As for educational propaganda, the Association arranges for experts to address breeders' meetings at various places in the district and to act as advisers on all matters in connection with breeding and feeding.

The Oldenburg pig has developed to what it is to day—a large-sized, deep bodied animal with remarkable ability for food consumption, and of early maturity, chiefly owing to continuous grazing over large areas. It is certainly one of the most prominent breeds in the country, and the demand for breed animals is sufficient testimonial to the value of this race, while the repeatedly granted Prizes by the "German Agricultural Society" as well as other Prizes testify to its popularity. Interested parties who would like to visit prominent breeders' herds in the Oldenburg district can obtain any assistance on application at the Bureau of the Association in the town of Oldenburg. Every year local exhibitions are arranged at which the best that is bred in the district can be seen.

Pig Breeding in East Prussia.

By BREED DIRECTOR DAHLANDER, Councillor, Chamber of Agriculture Königsberg

Pedigree pig breeding is quite an old industry in East Prussia. Some 70 years ago several well-known Pedigree breeds were taken up and most of them still exist, having lived up to their reputation. Among such breeds the pure-bred German large white pig is foremost. Originating through imported boars and sows of the Large White Yorkshire breed, a typical East Prussian large white pig has been evolved through a certain system of breeding, an animal of robust and hardy constitution, suitable to the climate of East Prussia and fulfilling all the conditions demanded by the meat markets of Berlin as well as what is required by the "German Agricultural Society." This breed is now everywhere well-known and appreciated.

Besides the German large white pig, the improved German Landrace pig is extensively bred in East Prussia. The first Association of pig breeders in East Prussia was founded in 1912 but there are now four such Associations, with headquarters at Königsberg, Allenstein, Insterburg and Marienburg. All of these are officially recognised by the "German Agricultural Society." The management of these

Associations is in the hands of the officials, while matters concerning breeding rest with the Chamber of Agriculture.

As regards regulations for improving the breed, the following is generally adhered to:

(1) The "Breed mark" must be affixed according to the rules of the "German Agricultural Society," by the control officer of the Association prior to dispersion of a litter to ensure indisputable proof of identity.

(2) Selection for breeding has to be made on the responsibility of the officer, in his presence and with the approval of a Committee which must rest satisfied that the breeders' assertions concerning Pedigree are correct. The selection is then made, when beauty of form, health and performances are deciding factors. The animals are now measured according to an adopted system; and it is the rule that before they are chosen they themselves, as well as their progeny, must be carefully examined. For this reason animals cannot be selected before reaching 1½ years, and then only if they have progeny old enough to be judged.

Great importance is attached to the entries in the Herd Book in which there is a "Register of Breeding" and a "Register of Performances"

Investigations of Pedigree are carried out systematically, male and female progenitors equally considered, to enable correct judgment of blood combinations

The first "East Prussian Boar and Sow Register," which happens to be also the first of its kind in Germany, was established in 1926 by me at Königsberg. In the future much more strict adherence to the rule that past performances shall be examined will be required. There are now some 40 districts under control, where continuous system of weighing groups and categories of pigs is carried on under supervision of competent specialists. In this manner positive and accurate calculations concerning performances of individual animals, as well as of different Blood Lines can be made and examined. For comparison, the average four weekly weight of the whole litter of a sow under the fatherhood of a special boar is recorded.

The officials operating in these control districts are also instructed by the breeders' Associations to give advice in matters of breeding and feeding and in general to report to headquarters how pig breeding is progressing in the district.

The sales of animals take place at monthly Pedigree pig auctions which generally coincide with the bull and heifer auctions held by the Herd Book Associations at Königsberg, Allenstein, Insterburg and Marienburg. These regularly held auctions are considered to be the best promoters of breeding as they show comparison between large numbers of animals. The management of these auctions have to examine

all animals sent, with right to reject such as are not up to standard of form, constitution and performance. Obviously many hardships are thereby inflicted on breeders, but this system promotes better breeding and works in favour of the purchaser.

The following classes of pigs are admitted to the auctions

- Boars 5-6 months old
- Boars 6-8 months old
- Boars over 8 months, ready for service
- Pregnant Sows

Since 1922 East Prussia has sent animals to the annual Grand Shows of the "German Agricultural Society," and every year obtained greater success. Thus the East Prussian Pedigree pig breeding Association took a number of Prizes at these Shows at Hamburg in 1924, at Breslau in 1926, and at Dortmund in 1927, and every time the first Prize in the Class for large breeding Associations.

At the yearly show held at Königsberg in August interested parties have splendid opportunities to convince themselves of the progress of pig breeding in East Prussia.

Our system of selection aims at evolving an animal with the following qualities. The pure bred German large white pig must be market ready as a porker at an age of 5-7 months then weighing from 90-125 kilos. Later on, if fattened for the market it must produce first quality bacon.

The improved German Landrace pig is a heavy, rapidly developing animal, especially suitable for fattening as it converts large quantities of food into meat and bacon.

For names of Breeders in East Prussia see page 533.

Illustration page 512

The German Moorland Pig.

Hildesheimer Zuchtvereinigung zur Zucht des Deutschen Weideschweines 3, Linkstrasse, Hildesheim
By COUNCILLOR NAUSS Hildesheim

The only existing Pig breed in Germany still entirely free from any infusion of blood through crossing with other breeds, the German "Grazing Pig," or as it is also called, the Black-White Hanover-Brunswick Landrace pig, is remarkable and certainly worth the steadily increasing attention now being paid to the same. The only other pure bred Landrace pig, the Bavarian, once upon a time very prominent, is rapidly disappearing, and thus, of all the various indigenous pig breeds in Germany, only the Grazing pig remains. The main breed District is round about Hildesheim and part of Brunswick. Here the breed has existed since time immemorial and it is worth mentioning that it is the only breed in Germany with which English blood has never been mixed. Lately this pig is becoming very popular on the great agricultural estates in the northern and eastern parts of Germany.

In type, general exterior and race features the grazing pig is very like the European wild swine—

indeed, the great livestock man v. Nathusius has proved a close relationship between these two, easily demonstrated through the head which has all the features of the typical wild boar. The enormously long-drawn snout enables the pig to obtain its feed in field and forest where, thanks to a marvellously developed smelling instinct, it loves to feed on numerous small larvae living in the soil.

The ears are of middle size, stretching upwards whereby the face is free facilitating easy grazing. The tail is curiously long. The back is curved, but not in the razor-like manner. The legs are enormously strong, permitting the animals to unceasingly move over large areas, a point of great importance for a grazing pig. The body is closely covered with rough hair through which the pig is better able to withstand bad weather. Speaking generally, it is one of the hardest existing pigs, extraordinarily moveable, lively and wide-awake, and a splendid forager.

When towards the end of the last century farming

became more intensive in Germany, it was found that blood infusion through English pig breeds could powerfully improve the existing landrace pigs and make them more suitable for an increasing demand for better pork, and this new movement towards improving existing breeds naturally threatened the existence of the grazing pig. With a view, therefore, to preserve this breed, propaganda was started in the year 1899 to associate all the breeders, and thus the 'Hildesheim Swine Breeders' Association' was formed, the first among several such Associations in the Province of Hanover. Thanks to this timely step it was made possible to preserve all the original qualities in this pig, chief among which should be mentioned its ability to withstand climatic influence, to exist on the roughest and scantiest of food, and to always remain sound and hardy. A contributing factor for drawing breeders' attention to this valuable animal was found in the butchers' preference for this pig on account of the exquisite taste of the meat, the fine hams, and suitability for the sausage industry. With a general view of more systematically improving and developing the breed, certain points were adopted according to which breeders have paid more attention to strongly developed well-set legs, that the head must not be permitted to be too long or too narrow, that the back must be less round, and that the ribs must be strongly sprung. With these points fixed, breeders soon succeeded in increasing the grazing pig's early maturity and ability to get fattened during a shorter time than was previously held possible. In the year 1899 about 3,000 absolutely pure bred animals of this breed were rounded up and placed under observation, and since then the breed has been systematically developed without any admixture of other blood. Crossings with the Bavarian landrace pig and the Perigord pig bred in the South of France had been tried but never proved to add to the value or development of the grazing pig.

Great importance has always been attached to

preventing the animals from breeding too early. Particularly large litters are not desired, as experience has proved that a middle sized litter as a rule consists of better developed individuals. The sow as a rule breeds twice a year and these two litters generally number fourteen to sixteen. The sow is kept breeding until reaching her seventh year. Great importance is attached to the proper development of the boar, and only animals of approved Pedigree and generally well developed are utilised. Every year a Selecting Committee looks into the Performances of the individual herds when it is decided which animals shall be admitted for breeding purposes. Every year an exhibition takes place at which breed as well as fattened animals are exhibited.

This pig has now been exhibited year after year at the periodical shows yearly arranged by the 'German Agricultural Society,' and more than 200 prizes have been awarded. At the recent Fat Stock Show in Berlin, the "German Grazing Pig" was awarded first Prize in the Carcase Competition. While not so very long ago many a pig breeder doubted the value of this pig and inclined towards treating it as of no account, the continuous success obtained by breeders who have exhibited the grazing pig at various Live Stock Shows has turned many a doubtful farmer into a warm advocate of this particular breed and caused a change of opinion. This is proved by the fact that the demand for breed material is constantly increasing. Especially after the war has this been the case, as during the war years the grazing pig proved itself one of the most valuable domestic animals owing to its ability to exist on next to nothing.

The grazing pig is also in demand for crossing with Large White Yorkshire and Berkshire boars, the opinion being now generally held that the first cross matures at a remarkably early date and is more rapidly fattened.

*For names of German Moorland Pig Breeders see page 534
Illustration page 513*

German Saddle and Carriage Horses.

By DIRECTOR G. RAU, 'REICHESVERBAND FÜR ZUCHT UND PRÜFUNG DEUTSCHEN WARMBLUTS
7, Tauentzien's rasse Berlin

In Germany Saddle and Carriage Horses have been bred pure during hundreds of years. The value of this typical German horse was demonstrated during the trying years of the recent World War. German horses have always enjoyed good repute, but lately they have come to the forefront at the great international tests. These Light Horse breeds, bred pure through hundreds of years, are now bred to type and exterior without any throw-backs, while their ability to reproduce has become permanent. Breeders early attached great importance to continuity in type, harmony in lines, strictly correct position of the legs and proper movements, while harmony in body form, body build and general appearance has now become a permanent feature in the breeding of this type of

horse. This being the case, the German pure-bred horse industry is now in a position of being able to supply horses for the most diverse uses—quickly moving Blood horses, accurately jumping Hunters of every possible weight, first class saddle horses for tournament purposes, pure and healthy breed material, excellent carriage horses, and heavy cart horses suitable for agricultural and transport requirements. By means of a well planned and well-organised system for testing of performances, it is now possible to examine and test a very considerable portion of the existing breed material stallions as well as brood mares and v. horses; and every year all over Germany 500 different places more than 4,000 f. Tests are conducted in which some

participate Thus stallions are tested at the Stallion Testing Establishment at Zwön by the Prussian Stud authorities in regard to the East Prussian breed, while the Hanoverian breed is tested at Westercelle, where all the young stallions are subjected to severe tests in regard to endurance, galloping, jumping and pulling ability The German pure bred horses remarkable on account of his many-sided qualities Thus he is equally suitable for riding as for carriage and heavy transport purposes After the war years great importance has been laid on creating a generally stronger horse, with the result that greater strength in bone, body lines and build has been achieved Breeders are anxious to satisfy every possible demand on this type of horse in the International Horse Market The series of remarkable successes achieved in the great international horse tests at home and abroad speak volumes for the superior quality of the German horse, and the steadily increasing export demand coming from almost every country of the World has resulted in every year increasingly larger orders for many thousands of German horses for breed as well as for general utility purposes The German Blood horse industry now embraces five old-established, permanent breeds, i.e., those in East Prussia Hanover, Oldenburg Ost-Friesland and Holstein

East Prussia breeds an elegant, quick moving high class saddle horse, and the East Prussian Army horses have always enjoyed great reputation, while the splendid Trakehner Hunters are every year to be seen during the month of November when the Central Trakehner Stud holds its now world renowned auctions The administration of this breed is in the hands of the 'East Prussian Stud Book Association for the Breeding of the Light Trakehner Horse' the address of which is 15 Schubertstrasse, Königsberg

Breeding of the Hanoverian horses is carried on along certain blood lines evolved hundreds of years ago and centred at the two large Stallion Depots at Celle and Osnabrück Owing to the permanency of very large grazing districts in the Province of Hanover, the breeders there have created an elegant beautifully framed, strong saddle and carriage horse of elegant movements and magnificent gait, indeed a most remarkable horse Nowadays the Hanoverian horse appears in the forefront in all horse jumping competitions all over Germany The Hanoverian breed industry is organised and controlled through the

Association of Breeders of the Light Horse in the Province of Hanover from its central offices at 10 Leopoldstrasse Hanover Blood horse breeding in Pomerania Mecklenburg Brandenburg, Westphalia and part of the Province of Schleswig Holstein is to a certain degree arranged on the basis of Hanoverian horse material

In the Province of Oldenburg a very strong, heavy horse is bred suitable both for carriage and agricultural purposes, excellent as a trotter, remarkable for strong bones reaching a body weight up to 17 Cent Oldenburg breeds the heaviest of all the Blood horses

in Germany Whether for pair or four-horse carriage, the Oldenburg horse performs equally well Every year, early in February at the regular stallion Selections in Oldenburg, magnificent, well-bred heavy Oldenburg horses are put up for sale The control of the Oldenburg horse breed is in the able hands of the Management of the "Association of Oldenburg Horse Breeders" the address of which is 12, Pferdemarkt Oldenburg Town, Province Oldenburg, whose attention is mainly centred on the production of heavy elegant carriage horses

It should be stated that the Oldenburg horse nowadays is also bred in Schlesien, Thuringen, Sachsen Baden, Hessen and Bavaria

The Ost-Friesian horse breed is partly based on Oldenburg blood Thus in this part of Germany, a type is bred very much on the same lines as the Oldenburg horse These horses are of particularly outstanding merit on account of high stepping and somewhat dancing movements, and may be classified as remarkably strong bodied well-framed horses which generally reach a body weight up to 17 Cent This type of horse is suitable for almost every use, and especially as carriage horses Any enquiries concerning the purchasing of these horses, whether for breeding or any other purpose should be addressed to the "Ost Friesian Stud Book Association," at Norden, in Ost Friesland

The Holstein-Marsh horses are in appearance and elegant movements most pleasing animals remarkable for harmony in build, and whether as saddle horses or for carriage purposes they are equally good As a jumper, the Holstein horse is often seen at his best Wherever they appear they never fail to catch the eye on account of their elegance in appearance and movements The management and control of the breed is in the hands of the "Association of Breeders of the Holstein Horse," at Elmshorn Holstein

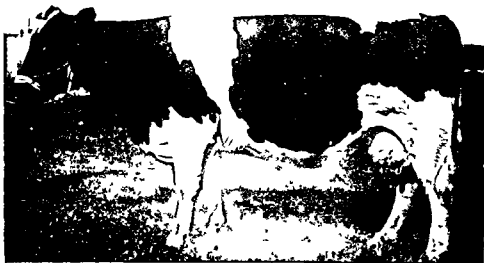
Among the more notable happenings in the German horse breeding industry, the stallion selection with attendant Fair at Oldenburg, the stallion Fair for the Ost-Friesian breed at Aurich in existence for more than 150 years, and the stallion Fair for the Holstein breed at Elmshorn, all of which every year take place early in February, should be mentioned, while early in May every year the whole of a year's class of East Prussia's stallions is marketed at the East Prussian stallion Fair held at Zwön, Georgenburg During the middle of November the Trakehner Hunter sales take place by means of auctions On the other hand, perhaps the best materiel created through the skill and efforts of the German Blood horse breeders is to be seen at the yearly, great International Horse demonstrations arranged by the 'State Organisation for Breeding and Testing of German Blood Horses,' and held at Berlin, where performances under saddle and in jumping, trotting etc are particularly attractively demonstrated It should be added that throughout the year Auctions take place all over the German breed districts where foals as well as utility horses and breed material are exhibited for sale



Germany :
Ostfriesian Black
White Bull,
Norden

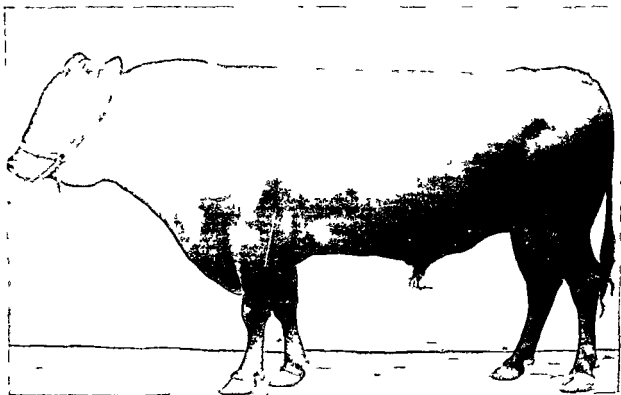
Germany :
East Prussian
Ostfriesian Black-
White Cow,
Insterburg.

(Art. Leipzig 1897)



Germany :
Shorthorn Bull
Schleswig-
Holstein,
Husum.

(Art. Leipzig 1897)



Germany : Angeln Red Bull, Schleswig Holstein.

(Art de page 49°)



Germany : Holstein Red Bull, Neumünster.



Germany Jeverland Ostfriesian Black White Bull, Jever

(A le page 493)



Germany : Oldenburg Weser Marsh Ostfriesian Black White Cow.

sandy, sometimes clayey, or boggy soil, but the good breed results are everywhere the same.

The Oldenburg horse grows and develops quickly and is generally used for breeding on reaching an age of 3 years. He is capable of doing light work when 2 years old, and as his temperament is quite docile and easily controlled, he is amenable even to inexperienced hands.

For names of Oldenburg Horse Breeders, see pages 535-536

Illustration page 563

The Trakehner Horse.

By DIRECTOR JESSAT, Chamber of Agriculture for East Prussia, Königsberg

Systematic breeding of the East Prussian, or as he is called Trakehner horse goes back to the year 1732, when King Friedrich Wilhelm I founded a Stud at Trakehnen in East Prussia. Originally formed to supply the needs of the royal court, it soon grew beyond this as the Prussian farmers recognised the advantages of using Trakehner stallions to sire their mares, and the demand for these services assumed such proportions that it became necessary to establish depots for stallions all over the Province from which they travelled around the districts. In this manner the present five Studs in East Prussia gradually developed. They are still depôts for pure bred stallions of Trakehner breed. For close on 200 years it has existed under conditions such as still prevail, but the type has undergone certain alterations rendered necessary by the demands of modern times.

During this long period the East Prussian farmers have bred a horse suitable for their own needs and economic conditions. Winter lasts from the first snow in October to middle of May. As the soil is excellent corn sown in May ripens at the same time as that sown elsewhere and therefore there is no time to waste, so that the horses have to work very hard, and they must move quickly, be healthy and possess great staying power. During the long winter months following upon these 4-5 months of hard work there is much less work to be done but their feed is a heavy expense to the farmers, and for this reason a horse that can exist on scanty rations is required. All these points were always taken into consideration during the last 200 years, and the present day East Prussian horse is a strong, robust powerful and quick moving animal of great staying power, and a good feeder, of excellent health.

East Prussia's breeding districts are very extensive and rearing conditions and type of horse are therefore varied—range of types for almost every taste—saddle and carriage horses horses that willingly pull almost any load, and heavy, very strong coach horses. Of all these types, horses of excellent quality have competed at tournaments and often carried away the chief

He is a good feeder, and when working hard but receiving rations such as light horses generally get he retains his well rounded and sleek appearance. At present, there are some 4,000 stallions and about 40,000 brood mares registered in the Stud Book of the Society.

The Oldenburg horse has been exported to all countries of the world, and wherever he goes he is liked.

prizes at competitions for jumping, cross country racing riding etc.

The Trakehner horse is remarkable for fecundity. The mares often produce 20 foals in 21 years, while 18 foals all living, is not uncommon. Their longevity is likewise remarkable, and the Stud Books afford testimonials in this respect. Many a mare has lived 28 years without having passed through a barren year. The explanation is probably to be found in the circumstance that breeding is well managed thanks to the Government, who select and possess almost every sire. During 1927, 760 Government stallions were used for breeding. The brood mares are registered in the Trakehner Stud Book, and many a horse has Pedigree reaching as far back as 200 years.

The great qualities of these horses are therefore, not the result of chance but the outcome of many years' careful selection and breeding under Government supervision.

Breeders' associations work intimately and always hand in hand with the Chamber of Agriculture at Königsberg which is the farmers' own organisation. This being the case, arrangements can always be made for sales of horses by the breeder direct to the purchaser, without the help of middle men.

These horses are almost entirely bred by peasants all of whom use the mares for farm work. Foals are sold after weaning and taken to larger farms with extensive pastures in which they are turned out day and night.

At some of the larger Studs where the horses are bred, they are kept on and run in herds. Among these is the already mentioned Government Stud at Trakehnen while among the large privately owned Studs are the Cornieten at Luisenwalde, Weedern, the Lenken Stud at Birkenfeld, K. Darkehmen, the Juditten, and the Carben Studs.

The Trakehner horse has often proved his good qualities in international competitions. Thus at Lucerne, Heiliger Speer, won against horses from France, Italy, Switzerland, Belgium, Ireland, Hungary and Holland. Horsemen are increasingly going in for this breed.

For names of Trakehner Horse Breeders see page 536

Illustration on page 514

The Rhineland Draught Horse.

By DR MEYER, Rhineland Chamber of Agriculture Endenicher Allée 60 Bonn

As far back as in the year 1876 breeders in the Rhineland commenced breeding on uniformly adopted principles with a view of creating a draught horse of the Belgian Ardenne type as this type of horse had developed ability of early maturity profitable foraging and proved its adaptability under new conditions while of pleasant temper and suitable for all kinds of work Crossing the Belgian stallions on brood mares of the Rhineland native horse was now commenced although at first only on a comparatively small scale Since then however, the breeding of the Rhineland draught horse has developed in this Province and the following figures illustrate the great popularity of the type

In 1876 the number of Government owned Stud Stallions was	48
1890	59
1900	151
and privately owned	141
1910 the number of Government owned Stud Stallions was	206
and privately owned	149
1927 the number of Government owned Stud Stallions was	307
and privately owned	478

To-day the greater number of first rate stallions is privately owned and no stallions are used for service which are not in possession of approved Pedigree

In the year 1892 the Rhineland Stud Book was founded The Stud Book Association arranges every year certain dates when brood mares and stallions can be entered prior to which however a Selection Committee must approve of animals for which entries have been demanded In 1924 certain alterations were decided upon in regard to such entries in accordance with a decision taken by the Government Association of German Draught Horse Breeders It was then decided that two different Stud Books should be maintained of which one was to be called The Central Stud Book for Draught Horses In this only draught horses of the German Rhineland breed with indisputable Pedigree may be entered but for such entries certain conditions applying to exterior movement must be fulfilled In the second Stud Book other horses can be entered provided their parents are already registered, and thus entries are granted to horses whether their exterior and movement are approved or not By adopting this system a Register is created in which for all times the progenitors can easily be traced

Thanks to the Rhineland breeders unstinted efforts this breed is now being developed in the best possible manner The war of course, brought many obstacles in its train but what was lost during those years has now been made good thanks to strict selection of breed material The periodically occurring Horse Breeders Exhibitions have contributed in a remarkable degree towards developing this horse, and to-day nobody will dispute the immense value in

horse breeding accruing from only utilising the very best material through which it is possible always to breed true to type and in the progeny continue inherent good qualities

The Chamber of Agriculture at Bonn is actively interested in promoting horse breeding in the Rhineland With a view of stimulating general interest in local Exhibitions considerable sums of money are granted by the Chamber chiefly for Prize awards to one and two-year old Fillies The Chamber likewise engages experts to tour the Province for addressing farmers and breeders and verbally enlightening them on matters bearing upon horse breeding

Perhaps the most important function on the part of the Chamber is its control of selection of breed animals Since 1924 selection of stallions is centralised at Cologne Entry for selection is however not obligatory Regular meetings with animals for selection take place also in various parts of the country and prizes are awarded to 2½ year olds but older stallions are also admitted for competition Sales of breed animals take place on these occasions The annual stallion selection is held every year in October, and has proved a great attraction for breeders and farmers from all parts of the country as with such a display of horse material every taste can be satisfied The Rhineland breeder on the other hand has here a wonderful opportunity for demonstrating what he can do in the way of draught horse breeding

The Chamber of Agriculture inaugurated some time ago a special organisation for the sale of Rhineland horses Resulting from co-operation between this selling organisation now a special department of the Chamber and the various minor local Breed Associations and individual breeders the Chamber is always accurately informed concerning any horse material that at any time may be ready for the market Would-be purchasers can avail themselves of the Chamber's good services in this respect for which a minimum fee is charged Since this selling department was inaugurated its popularity has rapidly increased That strictly impartial treatment can always be counted on is recognised by all who have made use of its services

Commencing in the year 1909 the Chamber holds every year a largely attended Horse Exhibition where as a rule some 350 to 400 horses are exhibited At the annual exhibitions arranged by the "German Agricultural Society" the Rhineland horse is always represented and as a rule carries off distinctions The Rhineland horse breeder has thus from a modest beginning through energy and co-operation succeeded in creating a draught horse which year after year is accorded greater approval.

For names of Breeders of Rhineland Draught Horses, see pages 537-538.

[Continuation page 563]

Goat Breeding in Germany.

In Germany goat breeding was an established and prospering industry long before the commercial value of this domestic animal was recognised in other countries, and probably the largest percentage of valuable goat stocks in the world is reared in this country. The goat has been developed in Germany on lines scarcely conceived possible some fifty years ago, and the performances of the existing breeds are to-day nothing short of marvellous. The world's goat stock is estimated at 95 million of which 25 million are bred in Europe, while the stock in Germany may be estimated at about 3 500,000. The popularity of the goat is, however, not general all over Germany as is demonstrated by the fact that before the war there were only two goats per 100 inhabitants in East Prussia as against 26—32 goats in various parts of western Germany. As a profit earner no other domestic animal beats the goat.

The various present types in Germany are the outcome of intensive breeding but probably none of these is indigenous. Thus, it is probable that the Saanen goat originally emanated from Sweden, while the Toggenburg and the Guggisberg goats came from Switzerland which country seems to be the cradle of profitable goat breeding. Twenty years ago the annual milk yield per goat in Germany was considered good if reaching 450 to 500 litres, while to-day it is probably correct to state that the average is very near 800 litres. Thus, the development in the goat breeding industry in Germany which has taken place since 1882 has brought about a steady increase in milk yield and milk fat percentage, while the types of the divers now existing breeds have become permanent. The white and the brown-coloured goats are now certainly bred true to type but it would appear that the first mentioned may slowly push out the dark-coloured breeds. The name of the white goat originated from the Saanen valley in Switzerland where some 35 years ago breeders of this type formed one of the largest Goat Breeders' Associations known to exist.

The Appenzell goat, also white in colour, belongs to the Saanen goat race, although many breeders in Switzerland maintain that it is an entirely distinctive breed without any relation to the goats emanating from the Saanen valley. Perhaps the Appenzell goats are somewhat larger in body, but it is reliably stated that to point out one of this breed among a grazing herd of Saanen goats is often beyond the ability of experienced goat breeders.

In Hessen, chiefly in the Starkenburg district, goat breeding has developed in a remarkable degree and the number of Breeders' Associations here is now considerably more than 100. The Chamber of Agriculture for Starkenburg has long supervised breeding and matters of importance to the local Societies, and

interested parties can obtain any information desired by corresponding with the Chamber, address Darmstadt.

In the Frankfurt district a very prosperous Association of goat breeders has existed during the last twenty-six years and one of the most comely goats is bred here and known under the name of "Frankfurter Saanen". The average milk production from this breed, it is stated, is 5 to 6 litres per day. Every year in July or August the Association arranges an exhibition of breed animals where the best are registered in a special book of performance, and Prizes distributed. This type of Saanen goat is pure white with very short hair, entirely free from horns and generally speaking of a very pleasant appearance. The Chamber of Agriculture at Wiesbaden inaugurated some years ago a farm for the breeding of Pedigree animals.

In Hessen-Nassau an "Association of Taunus Saanen goat Breeders" has been in existence for a considerable time, this type being likewise white and hornless.

In some districts of Pfalz, chiefly at Kaiserslautern, goat breeding has developed during the last twenty-five years and many a breeder in Germany holds the notion that the Pfalz Saanen goats are superior to any other breed. The Association, whose address is Kaiserslautern, has now some 22,000 members and a registered stock of Pedigree goats running into 46 000 animals.

In Baden goat breeding is likewise very popular, and a number of Associations look after the interest of members who regularly infuse their herds with new blood by imports from the Saanen valley in Switzerland. The chief breeding district is round about Zuzenhausen, Sinsheim. The demand for Baden Saanen goats is increasing every year and large numbers are being sent to other German Provinces and also to Austria, Hungary, Roumania, Bulgaria, etc.

In Thuringen a type of goat is bred under the name of "Langensalza", Saanen goats one of the most valuable of all existing strains in Germany. It is probable that these goats originated in the German Landrace goat and by means of in-breeding and strict selection have developed to their present high degree of performance. The Langensalza bucks have for many years been recognised as very prominent sires and always held in high demand. These goats are of middle weight, without horns, and with astonishingly developed milking organs. Perfectly white in colour, the hair is long and finer than most other Saanen goats, and their heads are remarkably long drawn, with large eyes looking sideways. The neck is very long and thin and speaking generally, these animals are beautifully developed. Their average milk production is estimated at 850 to 950 litres.

In Saxony in the Erzgebirge districts a strain of Saanen goats has been developed the milk yield of which is very remarkable. Probably these goats were originally bred from a Landrace goat on which Swiss Saanen bucks were crossed and the breed to-day is known as Sebritzer Saanen goats. According to Herd Book entries a yearly yield of 1 700 litres of milk even more is not uncommon. These animals are white in colour and without horns.

Among Germany's coloured goat breeds most of which belong to the Toggenburg type in colour from pale brownish reddish to very dark brown—perhaps the most prominent are the Thuringen Toggenburg goats bred in the Erfurt district. Interest for goat breeding has always been very lively in Thuringen and this explains why as far back as in the year 1870 the goat stock here was then already very considerable. 23 goats per 100 inhabitants as compared with 34 goats to-day per 100 inhabitants. The full grown goat is 73 cm in height with an average weight of 82–83 lbs. The average milk production is 837 litres but a very considerable number of animals yield more than 1 000 litres.

In Rhein-Hessen a rather remarkable looking goat has been bred for more than fifty years the so-called Guggsberg goat chiefly in the Wintersheim district. The colour of these goats is brown with variations in the lighter and darker shade and the animals are rather attractive. Of late years they have become very popular in Germany and are repeatedly accorded gold medals and first prizes at Agricultural Shows. Their size is of the average and their milk production is remarkably high. Thus several entries in the Herd Book show yields of from 1 050 to 1 470 kilos per 365 days lactation period. The best Guggsberg goats are bred in the districts of Alsheim, Laubheim, Emsheim and Guntersblum. Breeding is under the control of the local Chamber of Agriculture and the number of breeders of this type is increasing from year to year.

Among the various breeds the Harz goats have been known and appreciated in Germany almost since time immemorial. The chief districts for the breeding of these goats are round about Alfeld and Goslar in Harz but the Harz goat is bred almost everywhere in Germany owing to its general popularity. The number of breeders' Societies is very considerable and all of these have joined up in a big Association which is looking after the interests of the various local Societies. As illustrating the general development of this breed of goat it may be stated that before the war the average production was 350 to 450 litres of milk, but after the war as a result of very strict supervision the average yield has been increased to 525–575 litres. A considerable number registered in the Pedigree Herd Book of the Harz Breeders' Association produce as much as 900 litres during a lactation period of 290 days with a

percentage of fat from 3.55 to 3.75. In the Goslar district the milk production is stated to be considerably higher on an average 2.5 to 3 litres of milk per day. In this district goat breeding is certainly most remunerative as the animals early in April are turned out on the pastures and kept there until late in the autumn but as a rule taken under roof during the night.

Another prominent strain of goats in Germany the Schwarzwald goat is also lately coming much to the fore on account of its steadily increasing milk yield. The colour of this type of goat is a pleasant brownish often black and white and the average yearly production is 750 litres. It is a rather elegant looking animal with very lively movements. The belly is often white and the head of the buck as a rule somewhat darker than the other part of the body. Lately it is quite common to find goats belonging to this breed developing entirely new colours such as black, black and white or reddish white. The chief breeding districts are Tuttlingen, Württemberg and Spaichingen from where the Schwarzwald goat has spread over many parts of Germany. These goats are generally hornless.

The most important Goat Breeders' Associations are

A. SAANEN GOAT

- Saanen-Ziegen-Zucht Verein für Frankfurt a. O. und D. str. et Frankfurt an der Oder
- Ziegen-Zucht Verein Staakenburg, Darmstadt, Hessen
- Pfungstadt, Heppenheim, Hessen
- Gross-Umstadt, Hessen
- Alzey, Hessen
- Verein zur Hebung der Ziegen-Zucht Oberrad, Frankfurt am Main
- Ziegen-Zucht Verband in der Pfalz, Kaiserslautern, Pfalz
- Badischer Ziegen-Zucht Verein Süssenhausen, Sinheim, Baden
- Ziegen-Zucht Verein Hoffenheim, Baden
- Ziegen-Zucht Verein Langensalza, Thüringen
- Ziegen-Zucht Verein Sehlen, Thüringen
- Ziegen-Zucht Verband für das Nieder-Erzgebirge, Dresden, Sachsen
- Ziegen-Zucht Verein "Bad. Schönleins", Neumark, Brandenburg
- Verband der Ziegen-Zucht Verein von Westphalen, Münster, Westphalen
- Ziegen-Zucht Verband für Kreis Solingen, Opladen, Rheinland
- Ziegen-Zucht Verband der Rheinprovinz, Bonn, Rheinland
- Taunus-Saanen-Ziegen-Zucht Verein in Hornau, Hornau bei Hochstadt, M. Hessen-Nassau
- Verband der Ziegen-Zucht-Genossenschaften im Kreis Balenstedt, Anhalt

B. GUGGSBERG GOAT

- Ziegen-Zucht Verein Wintersheim, Hessen
- Harz-Ziegen-Zucht Verband des Kreises Alfeld, Werra, Harz, Holzen
- Ziegen-Zucht Verein Goslar im Harz
- Ziegen-Zucht-Genossenschaft, B. Hofschne, Rhön

C. SCHWARZFELD GOAT

- Schwarzfelder Ziegen-Zucht Verband Tuttlingen, Württemberg

D. TOGGENBURG GOAT

- Ziegen-Zucht Verein Temmenbrunn, Freiburg, Baden
- Verband Thuringen-Toggenburger Ziegen-Zucht-Genossenschaften, Erfurt, Thüringen

Cattle Breeders.

ASSOCIATION OF SHORTHORN CATTLE BREEDERS IN SCHLESWIG HOLSTEIN

Verband Schleswig Holsteinscher Shorthornzüchter Vereine Tönning Schleswig Holstein

PROMINENT BREEDERS

		Schles Holst		Hanschen Peter		Hattstedt		Husum		Schles Holst	
Abnott Hans von	Westerbever	Eiderstedt	Schles Holst	Honck A.		Harblek		Husum	Eiderstedt		
Alberts Joh	Westerbever	E derstedt		Honnens Chr		Seeth		Schlesw g			
Alberts Peter	Ostherbever	E derstedt		Honnens W		Süderstapel		Schlesw g			
Alberts R chard	Katharinenberg	E derstedt		Ingwersen H		Ingwersen Ludw		Husum			
Albertsen Lorenz	Lundenberg	Husum		Ingwersen Ludw		Ingwersen Ludw		Husum			
Albertsen Math	Almdorf	Husum		Ingwersen Carsten		Ingwersen Jens		Husum			
Albertsen Thomas	Sterdchull	Husum		Iwersen Ludolf		Osternarsch		Husum			
Andersen Henri h	Oldenswort	F derstedt		Jacobs Dirk		Hattstedt		Husum			
Andersen Johs	Chr Albr hog	Südtöndern		Jans Ferd		Osternarsch		Husum			
Andersen Ludw g	Koldenbutter	E derstedt		Jans Tete		Seeth		Schleswig			
Andersen Friedr	Warhorn	Eiderstedt		Jens Johs		Tat ng		E derstedt			
Berns Jacob	Kotzebüll	E derstedt		Jensen Bernh		Dreisdorf		Husum			
Berns W. Fraun	Poppenbüll	E derstedt		Jensen Carl		Oldenswort		Husum			
Betz Raver n fur Short	Kogen	Südtöndern		Jensen Henr		Tetenbüll		Husum			
bornzücht				Jensen Henr		Seeth		Husum			
Block Claus	Hemme	„ D thm		Jensen Jens		Seeth		Schleswig			
Rock Hlew g	Süderhoff	Husum		Jensen Peter		Ellerbüll		Husum			
John Hans	Seeth	Schlesw g		Jessen Ernst		Feddersbagen		Südtöndern			
Bohn Jous Han	See d	Schlesw g		Jessen Max		Chr Albr Kog		Südtöndern			
Bosen P	Leck	Schlesw g		Jons Friedr		Seeth		Schlesw g			
Boss n Peter	Hoglund	Südtöndern		Jons J Tob		W tward		E derstedt			
Bovens Knudt	Oldenswort	E derstedt		Jons J Peter		Seeth		Schlesw g			
Broders Albert	Harblek	E derstedt		Jürgensen Ingwer		West Bargum		Husum			
Brodersen Johs	Ha siefeld	Husum		Ketelsen Chr		Schardebuell		Südtöndern			
Brodersen Paul	Längenborn	Husum		Ketelsen Jakob		Barumde ch		Husum			
Brühn A g	Saude	Südtöndern		Ketelsen Johs		Längenborn		Schleswig			
Car sen J	Kotzebüll	E derstedt		Kock He nt		Bunge		Husum			
Car sen H J	Dreisdorf	Husum		Knoop Ernst		Ost Bordenum		Husum			
Carl Hrn	Poppenbüll	Schlesw g		Kruse Chr		Gruft		Schlesw g			
Carl n C	Dras	E derstedt		Lafrenzsen Joh		Süderstapel		Husum			
Car sen Hans	Ksp Garding	Husum		Leven Friedr		Osternarsch		Husum			
Clau n I ter	Schleswinge d	Husum		Le von Lorenz		Osternarsch		Husum			
Cord n I	S d stapel	Schleswig		Loth H		Osternarsch		Husum			
Cornls Arr en	Bu bu l	Südtöndern		Lorenz		Osternarsch		Husum			
Corn H Hrn	S e h e Chaussee	E derstedt		Lorenzen Ludw		Osternarsch		Husum			
Corn h e r	Poppenbüll	Schlesw g		Lorenzen Thade		Osternarsch		Husum			
Dethlefsen Jens N	K p Garding	E derstedt		Loy Georg		Osternarsch		Husum			
Der Hrn	T t n büll	Husum		Ludwig H		Osternarsch		Husum			
Drak en Fr v	Leuch	E derstedt		Maassen Johus		Osternarsch		Husum			
Eggers Anus	Ran s edt	„ D thm		Maassen W		Osternarsch		Husum			
Eggers Ernst	S adum	Südtöndern		Mahrt Chr		Osternarsch		Husum			
Feddersen H	W Öhrstedt	Husum		Mahrt Chr		Osternarsch		Husum			
Fransen Hennig	Seeth	Schlesw g		Martens Ernst		Osternarsch		Husum			
Fransen Hennig	Seeth	Schlesw g		Martens Q		Osternarsch		Husum			
Fransen Jr He	Seeth	Schlesw g		Martens Q		Osternarsch		Husum			
Fransen Sen Hg	Seeth	Schlesw g		Martens Q		Osternarsch		Husum			
Fransen Wwe Johs	Seeth	Schlesw g		Martens Q		Osternarsch		Husum			
Furtchsen Hrn	Hallingstedt	Schlesw g		Martens Q		Osternarsch		Husum			
Furt Henr	Seeth	Schlesw g		Martens Q		Osternarsch		Husum			
Gertz Loh	Ok erbever	E derstedt		Martens Q		Osternarsch		Husum			
Geb Old narsch		Eiderstedt		Martens Q		Osternarsch		Husum			
Gen Poppenbüll		Eiderstedt		Martens Q		Osternarsch		Husum			
Ger Hrn		Eiderstedt		Martens Q		Osternarsch		Husum			
Gier Knudt		Eiderstedt		Martens Q		Osternarsch		Husum			
Glowersen Hans	Oldenswort	Schleswig		Martens Q		Osternarsch		Husum			
Gottburgs Broder	Tres	Husum		Martens Q		Osternarsch		Husum			
Grohn Claus	Hoglund	Husum		Martens Q		Osternarsch		Husum			
Grohn Johs	Elrbüll	Husum		Martens Q		Osternarsch		Husum			
Grohn Hans	Katharinenberg	Husum		Martens Q		Osternarsch		Husum			
Hach Hrn	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Hoy	Ksp Gard ng	E derstedt		Martens Q		Osternarsch		Husum			
Hankens, Carl C	Wolter sk	E derstedt		Martens Q		Osternarsch		Husum			
Hankens Mrs Georg	Kotzebüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens, Gebr	Kotzebüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Georg	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens J An	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Otto	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Cto	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens W	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Amundus	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Claus	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Thelof	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Hans	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Hrn	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens J Ad h	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens Jul	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens H	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens, Paul	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			
Hankens J	Tetenbüll	Eiderstedt		Martens Q		Osternarsch		Husum			

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Oldenburg Weser Marsh Black White Cattle Breeders Association (contd)

PROMINENT BREEDERS

Stöver Ernst	Esenshammergroden Esenshamm	Wardenburg Herrn	Neuenbuntorf Berne
Suhr D	Abbehausergroden Abbehausen	Wenke Georg	Bettingbühren Berne
Suhren Theile	Jerninghove Varel	Wenke Gust	Katzenbützel Berne
Tantzen Edo	Stuedenkron Nordenham	Wichmann G	Oberdeich Rodenkirchen
Tantzen Enno	Hoffe Esenshamm	Wichmann H	Hiddigwarden Berne
Tantzen Hayo	Hiddingen Rodenkirchen	Wichmann H	Katzenbützel Berne
Tantzen Joh	Esenshammergroden Esenshamm	Wichmann Paul	Neuenbuntorf Berne
Tantzen Kurt	Berkum Rodenkirchen	Wilms Jann	Klentenssens Tossens
Thaden Otto	Schwei	Wilken —	Borgstede Varel
Theilen Herrn	Rotenbahn Varel	Woltmann Fritz	Oldenbrook
Thümler Joh	Aussendeich Brake	Woltmann M	Ovelgönne
Tienken Herrn	Aussendeich Seefeld	Wulff Aug	Friesenmoor Struckhausen
Timm H Hinr	Oldenbrook	Wunderlich Fr	Holswürden Eckwarden
Töner G	Hartwarden Rodenkirchen	Watjen E ddr	Schlichte Berne
Ulbers Enno	Moorese Abbehausen	Wobken Martin	Warfeth
Vollers Hinr	Schlute Berne		

When correspond ng add Oldenburg

BLACK WHITE CATTLE BREEDERS ASSOCIATION IN POMERANIA

Pommersche Herdbuchgesellschaft für das Schwarzweisse Tieflandrind Kreckowerstrasse 20, Stettin, Pommern

PROMINENT BREEDERS

Albrecht —	Grasnebieth	Grimm —	Kramp —	Mackensen	Lauenburg
Bauer —	Zentlow	Demm —	Kroos —	Güttin	Rügen
Borse —	Schmedshagen	Franzburg	Langenohl —	Velgast	Franzburg
Bothmer von —	Falkenberg	Schvelbein	Nicola —	Passen n	Beland
Bruns —	Lutz g	Belgard	Oertzen von	Strehlow	Den min
Deicke —	Peest B	Schlawe	Osten von der —	Klein Jannowitz	Laurent rg
Dewitz von —	Lischitz	Lauenburg	Rittberg Count von	Baltan	Neustettin
Diest von —	Zeititz	Regenwalde	Scher —	Dr Br bbernrow	Croellberg
Edbeck Platen von —	Capitz	Rügen	Schimmelplenn g —	Drosowod	Kolberg
Friedrich —	Clewitz	Grimmen	Schwern Count von	Sophienhof	Anklam
Fliesbach —	Landedow	Lauenburg	Schwern Count von	Zietzen	Fritzwil
Gute —	Rarl n	Belgard	Schwern Count von	Spantekow	Criswall
Gute —	Klein To l n	Demmin	Seuffert —	Langenbushagen	Ja st rg
Holst —	Fellenberg	Grimmen	Stuth —	Custow	Rügen
Kannenberg —	Simmatz g	Schvelbein	Wohltmann —	Rosengarten	Rügen

LUNEBURG FRIESIAN CATTLE BREEDERS ASSOCIATION

Lüneburger Herdbuchgesellschaft S hiessgrabenstrasse 8, Lüneburg Hannover

PROMINENT BREEDERS

Abens Fritz	Fyendorf	Kr Wunsen	Alkott, Hermann	Drecklarburg	Kr l
Adam Fr	Abrhen	Kr Fall ngbostel	Korb Hermann	Lual	Kr l
Blakhaus Fr	Jhrden	Kr Harburg	Koch Louis	Sangerstedt	Kr W
Bad ng W	C rosewerder	Kr Bleckede	Koster H	B rdt l	Kr W
Barge H	hl Gusbörn	Kr Dannenberg	Koster Louis	Luttmann	Kr W
Bartels Fritz	Brackel	Kr Wunsen	Koster W	Puttmann	Kr W
Behr l Fritz	Fyendorf	Kr Wunsen	Land Heinrich h	Paulsen	Kr l
Behr Heinrich b	Ramsloh	Kr Wunsen	Le wie G	L yens l	Kr l
Behr M	Saugenstedt	Kr Wunsen	Lenz H	Katten	Kr l
Behr J	Ashausen	Kr Wunsen	Leidlers Ernst	Herrlingern	Kr l
Behr Peter	Wover	Kr Wunsen	Leidlers Heinrich b	Wittorf	Kr l
Behr Rudolf	Hoopte	Kr Wunsen	Lehnann H	L yens	Kr l
Beyer Heinrich	Reetze	Kr Luchow	Luttmann H	Toppstedt	Kr W
B k Paul	Ichholz	Kr Wunsen	Lühr Hermann	Kirchhagen	Kr l
Blank H	Grabau	Kr Dannenberg	Lüllag Heinrich b	Lubbert	Kr W
Block W	Wunsen	Kr Wunsen	Lütjens I	Woyte	Kr W
Bostelmann Heint	Toppenstedt	Kr Wunsen	Maak W	Woyte	Kr W
Bra kermann O	Oldershausen	Kr Wunsen	Martins H	Woyte	Kr W
Brandmann Carl	Jewelack	Kr Bleckede	Meyer Heinrich	Woyte	Kr l
Brandt Im l	W tord	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Brauns Joh	Wuhlbürg	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Carls Carl	Jattenen	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Dein A lll von	Heyste	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Dercks Wilhelm	Niedermarschacht	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Elkbold Cu lll	Landberg	Kr Harburg	Meyer Fritz	Woyte	Kr l
Carls H	Jira krl	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Carls, H l d b	Kamelsh-b	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Coderhus, H l d b	Hambühren	Kr Ce le	Meyer Fritz	Woyte	Kr l
Harms Gustaf	K tord	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Hestmann, I	C ut Alm	Kr Lüneburg	Meyer Fritz	Woyte	Kr l
Hennemann —	Dulow	Kr Lüneburg	Meyer Fritz	Woyte	Kr l
Henke A lll	I hem	Kr Lüneburg	Meyer Fritz	Woyte	Kr l
Henne Hermann	W tord	Kr Lüneburg	Meyer Fritz	Woyte	Kr l
Hoyer Hermann	Kottorf	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Hst, Im l	Kottorf	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Hvath, H	Kottorf	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Hurberg L Cam h ll	Nord of Hattendorf	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Jensen, W	Wuhlbürg	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Jacobs H	Kottorf	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Junge Mart s	Fahrenholz	Kr Wunsen	Meyer Fritz	Woyte	Kr l
Kaune W	L. berrstedt	Kr Wunsen	Meyer Fritz	Woyte	Kr l

Lüneburg Friesian Cattle Breeders Association (cont'd)

PROMINENT BREEDERS

Putensen Karl	Bahlburg	Kr Wunsen	Schween August	Bullenhausen	Kr Harburg
Putensen Karl	Garlstorf	Kr Wunsen	Schween Heinrich	Bullenhausen	Kr Harburg
Reben H	Handorf	Kr Wunsen	Schween Hermann	Over	Kr Harburg
Reer Heinrich	Jürgenstorf	Kr Blockede	Seimeroth Richard	Oldendorf	Kr Blockede
Reimers Heinrich	Fliegenberg	Kr Wunsen	Seewcke Herm.	Rosenthal	Kr Blockede
Reimers Hermann	Fr Kirchwerder	Kr Wunsen	Seiwke Franz	Vockley	Kr Blockede
Reven Jeter	Tangendorf	Kr Wunsen	Stahlbock H	Gr Gusbörn	Kr Dannenberg
Reckmann Fr	Brackel	Kr Wunsen	Stein Heinrich	Handorf	Kr Wunsen
Reckmann H	Wittorf	Kr Wunsen	Sühr Wilhelm	Privetack	Kr Blockede
Ricke Heinrich	Pinnau	Kr Blockede	Tiedemann Fr	Wittorf	Kr Wunsen
Rose Otto	Ahusen	Kr Wunsen	Timmemann Heir	Stiepel	Kr Blockede
Rost Mrs	Grimda	Kr Fallingb.ostel	Tödtter Hermann	Sangenstedt	Kr Wunsen
Rump Harry	Norddebrer	Kr Fallingb.ostel	Voigt Heinrich	Egestorf	Kr Wunsen
Rundt Gustav	Lubdorf	Kr Wunsen	Weber Anton	Tönhausen	Kr Wunsen
Saltaor Hermann	Kottorf	Kr Wunsen	Wedemeyer H	Predöhl	Kr Dannenberg
Sander Joh	Fliegenberg	Kr Wunsen	Wickenberg Wih	Gosewerder	Kr Blockede
Sasse Albert	Egestorf	Kr Wunsen	Wiegels Heinrich	Hondorf	Kr Wunsen
Sasse Heinrich	Radrub	Kr Wunsen	Wiesch Ad	Brandleben	Kr Dannenberg
Sasse Heinrich	Sangenstedt	Kr Wunsen	Wiesch Heinrich	Laase	Kr Dannenberg
Schmidt Heir	Kirchellersen	Kr Lüneburg	Wlk Franz	Brandleben	Kr Dannenberg
Schröder Wih	Radegast	Kr Blockede	Wilkins Fr	Lubbertsdorf	Kr Wunsen
Schultz Wilhelm	Landsatz	Kr Dannenberg	Wilkins H	Wullenhausen	Kr Harburg
Schultz August	Quckborn	Kr Dannenberg	Wille Karl	Echem	Kr Lüneburg
Schulz Otto	Weserge	Kr Dannenberg	Wolter A	Treibel	Kr Lüneburg
Schulz W	Kl Gaddau	Kr Lüneburg	Wolter Heinrich	Barum	Kr Lüneburg
Schulze E	Reetze	Kr Lüneburg			

OST FRIESLAND BLACK WHITE CATTLE BREEDERS ASSOCIATION

Verein Ostfriesischer Stammviehzüchter, Norden, Ostfriesland

PROMINENT BREEDERS

Aasen R	Böhmerwold Ditzumer Verlaar	Itzena H	Rysum Loquard
Ber H de	Jennell P isum	Itzena I	Rysum Loquard
Boekhoff A	Ostermedlandshof Leer	Jansen I	Wybelum, Emden
Boekhoff W	Kloster Mühle, Leer	Jansen R W	Dampolder Dornumersiel
Bruns J	Greetel Kr Emden	Loerts B	Vetteburg Laga
Bruns J	Esium Kr Emden	Meijes D	Jennell P isum
Draken A	Hammehrum Pewsum	Meyer P	Westernarsch Norden
Eversen F I	Vogard Pewsum	Oltmann Dr I W	Meerhof Laga
Georgs J Str	Dammhusen Hinte	Reershemius H	Pisum Kr Emden
Gronewald C	Vissard Pewsum	Ruffes R	Addingaste Norden
Gronewald S	Esium Leer	Sanders H	Loquard
Gru A	Hiltenhof Pewsum	Schoneboom D	Vissard Pewsum
Hennemann T	Vetteburg Laga	Smidt P	Utium H nte
Hiltebus Fr I	Hiltenhof Norden	Swale I	Marschor Ditzumer Verlaar
Idhoff H	Cressel	Weerde H R	Petsum Kr Emden
Itzen Th	Westermarsch Norden		

BLACK WHITE SCHLESWIG HOLSTEIN CATTLE BREEDERS ASSOCIATION

Verband Schwarzbunte Schleswig Holsteiner, Augustenburger Platz 4 Kiel, Schleswig Holstein

PROMINENT BREEDERS

Gutsverwaltung	Frezenburg Bad Oldesloe	Kosegarten H	Sievershausen, Lemsahl V/Holst
Hausverwaltung	Dornau Wakenitz Holst	Lalrentz C	Hedorf Fehmarn
Hübner J	Wandsdorf Travemünde	Sandow Fr C	Cut Wendische Schmelzen Det. Hamburg
Hörner M	Vaderdorf Fehmarn	Schönfeld P	Ostermannshöfen Kaltenkirchen V/Holst
Lienberg C	Travenort, Gollau Bez Kiel	Stammer E	Rensfeldt Lübeck
Meiermann K	Merschendorf Fehmarn	Weilandt H	Priesen Fehmarn

ASSOCIATION OF BLACK WHITE CATTLE BREEDERS IN SAXONY

Verband für d. Zucht des Schwarzbunten Tiefländrindes in d. Prov. Sachsen Reilstrasse 73 Halle a. Saale Sachsen

PROMINENT BREEDERS

Diesel —	Hohenbellin	Recklin Bez Magdeburg	Stammzucht-Gesellschaft	"Neukirchen	Neukirchen L. Altmark
Wulke W	Doberun	Osterburg		"Eplitz	Eplitz, Fikar Magde
Stammzucht-Gesellschaft	"Eplitz"	Letzt Gardelagen		"Schönkenhorst"	Schönkenhorst Gardelagen
"	"Fuchbeck"	Fuchbeck Schönhausen		"Gr Schwechten"	Gr Schwechten Gold
"	"Fr Langens Z chtau			"Schlipitz	Schlipitz Klitten
"	"Hameren	Hameren Tangermünde		"Schönhausen"	Schönhausen
"	"Isel"	Ostsee Gr Möriegen		"Wallatawe"	Wallatawe Salzwedel
"	"Kaleitz"	Stendal		"Zitz"	Zitz Knechtelbach
"	"Kallies"	Kallies Schönhausen		"Rinsdorf"	Tangermünde
"	"Kallies"	Sanne Kallies Oster		"Loburg"	Bez Magdeburg
"	"Karritz"	Karritz Calbe Mitte			

RED WHITE HOLSTEIN CATTLE BREEDERS ASSOCIATION, PROVINCE HOLSTEIN

Breed Districts

A—Ditmarschen Heide B—Elb & Wilstermark, Wilster C—Bretlenburg, Oeschebüttel D—Holstein Geest, Bargfeld

Verband Rotbunte Holsteiner, Neumünster, Klosterstrasse 25, Holstein

PROMINENT BREEDERS

Abshaus Jürgen	Sommerländer Riep Post Krempe	Martens B N	Poppenwurth Tiebensee
Abshaus Peter	Sommerland Siethwende (Elmshorn)	Musfeld H	Burg
Abshaus Rudolf	Elskoop Krempe	Möller Ernst	Ketalsbüttel Wöhrden
Albers Carl	Harnswörden Meldorf	Naeve Hans	Borgstedtfelde Rendsburg
Alten Hans	Hohenbain Post Dänischenhagen	Nagel Konny	Krempdorf Krempe
Barfels Hermann	Busenwuth Meldorf	Oesau H	Kathen Wilster
Bielenberg	Hemme (Heide)	Orth R	Hagen Bad Bramstedt
Biesten C	Tödienswich Blankenmoor	Paulsen Julius	Wackenhusen Wöhrden (Heide)
Boje Carl	Baselketh Meldorf	Pestel Fr Mähde	Lunden
Bracker Heinrich	Schönbeck Bortholm	Peters Wilhelm	Sommerländer Riep Krempe
Brandt, Wilhelm	Hedwigskoog Wesselburen	Plumbeck Johs	Kropaspe (Neumünster)
Eggers, Christian	Karolinenkoog (Heide)	Reese August	Glückstadt
Ehlers Hans	Grevenkoop Krempe	Reimers Claus	Meeren Hohenwestedt
Frauen H	Zennhusen Hemme (Heide)	Reimners H	Silzen Hohenwestedt
Friesen Heinr	Heelwigskoog Reinsbüttel	Rohwedder Wilh	Glüsing Hohenwestedt
Geddes P	Kattropel Marn	Rolls Rudolf	Westerbettel Tillingstedt
Gloor Dell	Nannemanshusen	Sass Otto	Grosswisch Wilster
Gloy Johs	Silzen Hohenwestedt	Scharmer Günther	Dannwisch Horst (Elmshorn)
Göttsch W	Gut Hagen Probstseerhagen (Kiel)	Schlüter M	Schmedeswuth, Marn
Graf Markus	Nindorf Hohenwestedt	Schmidt Richard	Kammerländer Abtel Siethwende
Gravert Joh	Elskoop Krempe	Schmielau Carl	Wesselburen kers
Greve Hinr	Neuendorf Elmshorn	Schmielau W	Süderwisch Marn
Halke H J	Gut Sössaau Heringsdorf (Kr Old Holstein)	Schumann M	Fuhldorf Bad Bramstedt
Hargens Paul	Epenwörden Meldorf	Schröder Heinrich	Grevenkoop Krempe
Hell Dieder	Raa Elmshorn	Speck J	Hoffeld Bortholm
Horsten P von	Thalingsburen Meldorf	Staben C	Immenstedt Albersdorf
Hück Heinr	Bucken Jönem	Stieper Hans	Bretlnabe Stattdt (Kreis Rendsburg)
Huss Gustav	Neuwittenbeck (Kiel)	Stierhaltungsgenossenschaft	Nordemeldorf Meldorf
Jebens Johs	Hademarschen (Kreis Rendsburg)	Steffens Markus	Blunk Bad Segeberg
Junge Johs	Barlt Meldorf	Steffens Willy	Wiemersdorf Bad Bramstedt
Junge Ch	Oesterdeichstich	Teist Hans	Süderhastedt Albersdorf
Johannes Otto	Nrookko Busum	Freistadt Hinr	Süderhastedt Albersdorf
Johansen Otto	Barlt	Thiesens Joh	Lendern Tillingstedt
Kahlke Johs	Steinburg, Krempe	Thiesens Heinr	Jutzbüttel, Albersdorf
keiting Diedrich	Sandweg Elmshorn	Thormählen Ferdinand	Langenhals Glückstadt
Kieck Paul	Friedrichsbrakekoog Reinsbüttel (Wesselburen)	Thormählen Hinrich	Moorsbun Elmshorn
Klindt H	Krokau Schönberg Holstein	Thormählen Walter	Strodenburg Glückstadt
Kücker Otto	Süderdeich Wesselburen	Timm	Meeren Hohenwestedt
Körner Martin	Süderauerdorf Krempe	Uffm C	Krempfinkkoog Marn
Kuhl Ernst	Neuenbrook Krempe	Voss Hans	Heinkenhorst Janen
Lenisch Willy	Diekshof Borgstedt (Rendsburg)	Voss Henry	Neuenbrook Krempe
Magens Ernst	Strodenburg Glückstadt	Wittbold Peter	Neuenwisch Wöhrden
Magens Hugo	Sommerland Siethwende (Elmshorn)	Wohlfert Heinr	Siel Siethwende

HERD BOOK ASSOCIATIONS IN EAST AND WEST PRUSSIA OF BREEDERS OF FRIESIAN CATTLE

Herdbuchgesellschaft zur Verbesserung des in Ostpreussen gezuchteten Holländer Rindviehs Händelstrasse, 2 Königsberg

Westpreussische Holländer Herdbuchgesellschaft, Marienburg

Herdbuchverein für das schwarz weisse Tieflandrind in Ostpreussen Insterburg

PROMINENT BREEDERS

Ackermann, —	Bedritten	Queidau	Ratocki v —	Tharau	Kreis Pr Eylau
Albat —	Gedweinen	Kreis Darkehmen	Recker —	Fisch	Kreis Marienburg
Albat —	Santlitten	Kreis Insterburg	Rehmer —	Adl G Grabowen	Kreis Insterburg
Alberdt —	Adl G Haseklamm	Kreis —	Rehrnd, —	Margen	Kreis Niederm.
Alsen —	Schmawalde	Kreis —	Reisau —	Neubel	Heilsberg
Altensatt v	Coos Medunischken	Kreis Darkehmen	Reisau v —	Lugowen	Kreis —
Alt Stutterheim v	Georgemas	Domau	Reisner —	Lehonschken	Kreis Tilsit Ragait
Allen v	Neuendorf	Fischhausen	Reisner —	Lehonschken	Kreis —
Altenfeld v	Rodehlen	Wenden	Reisner v —	Markusen	Kreis —
Arckum v	M Tielhof	Kreis Mohrungen	Reisner —	Spawen	Kreis —
And hr —	Luisenb.	Kreis —	Reisner —	Mukle Kappuren	Kreis —
Andres —	Reichenfelde	Kreis Marienburg	Reisner —	Heil wassale	Kreis —
Ansbuth —	Julienhof	Kreis Marienburg	Reisner v —	Leuk	Kreis —
Ankersm —	Paaris	Kreis Marienburg	Reisner —	Josien	Kreis —
Antal —	Herzengingen	Kreis Gumbinnen	Reisner —	Leukhorst	Kreis —
Ascheraden Baron v	Brasenswale	Tharau	Reisner —	Leukhorst	Kreis —
Aschmuneit, —	Oraten	Kreis Leik	Reisner —	Leukhorst	Kreis —
Auer v	Goldschmiede	Kreis Fischhausen	Reisner —	Leukhorst	Kreis —
Barber —	Cross Wale	Wenden	Reisner —	Leukhorst	Kreis —
Bardecke —	Spittelhof	Kreis —	Reisner —	Leukhorst	Kreis —
Barthig	Joosten	Kreis —	Reisner —	Leukhorst	Kreis —
Behtinger —	Blauhof	Kreis —	Reisner —	Leukhorst	Kreis —
Beis hr —	Bedritten	Kreis —	Reisner —	Leukhorst	Kreis —
Beidhals —	Niedermarschhofen	Kreis —	Reisner —	Leukhorst	Kreis —
Baronshil —	Gawa im	Kreis —	Reisner —	Leukhorst	Kreis —
Baronshil —	Wangen im	Kreis —	Reisner —	Leukhorst	Kreis —
Baronshil —	Reichenfelde	Kreis —	Reisner —	Leukhorst	Kreis —
Baronshil —	Tamonschken	Kreis —	Reisner —	Leukhorst	Kreis —
Baronshil v —	Fischhausen	Kreis —	Reisner —	Leukhorst	Kreis —
Baronshil v —	Burden	Kreis —	Reisner —	Leukhorst	Kreis —
Baronshil v —	Queidau	Kreis —	Reisner —	Leukhorst	Kreis —

Herd Book Associations in East and West Prussia of Breeders of Friesian Cattle (contd)

PROMINENT BREEDERS

Bölschwing v	Schönbruch	Kreis Pr Friedland	Giese, —	Legitten	Kreis Insterburg
Boltz —	Adlig Gründen	Labiau	Ciese —	Legitten	Pronitten
Börcke v —	Tolkdorf	Kreis Rastenburg	Cirod —	Luisanna	Kreis Darkehmen
Boriss —	Adlig Liegen	Liebmühl	Clasow v —	Balta	Kreis Heilgenberg
Boruttan —	St Lorenz	Rauschen	Clasow v —	Lathinen	Kreis Wolluck
Braack —	Gross Karwinden	Tharau	Gratze —	Kalkstein	Fischhausen
Braemer —	Dor stal	Kreis Piltkallen	Colitz Baron v d —	Kallen	Fischhausen
Brandes Dr —	Althof	Kreis Insterburg	Colitz Baron v d	Mertensdorf	Friedland
Brandt v —	Pellen	Zinten	Colitz Baron v d	Wehlack	Wedden
Brauss —	Skung ren	Kreis Insterburg	Colitz Dombardt Baron	Gross Bestendorf	Kreis Mohrungen
Braun —	Bethesdaagut	Kreis Angerburg			
Braun —	Bönkem	Kreis Pr Eylau	Coltberg v —	Pr Wilten	Domnau
Braun Baron v	Warkstein	Praus	Graeve Adler v —	Gross Gotteswalde	Sonnenborn
Brockmann —	Maxheim	Bartenstein	Gramatki v —	Schrombehnen	Kreis Pr Eylau
Brühn —	Powarben	Tromgau	Gramberg —	Lawken	Rhein
Brühn —	Stiefenswalde	Döblan	Groeben, v d —	Gross Klingbeck	Ludwigsdorf
Brünen —	Kön gstaun	Allenburg	Groeben v d —	Warse	Reichenbach
Bruyère de la —	Knoppelsdorf	Neuhäusen	Gronne —	Steepe	Pr Holland
Büchler, —	Gro s Legden	Waldau	Gruber —	Bohnau	Godnick
Buchsteiner	Crudsholchen	Wörkeim	Gruber —	Westesböhlen	Schakschitt
Budde —	Lutkenau	Kreis Mohrungen	Grubert —	Bartkeuten	Kreis Tilsit-Ragnit
Buddenbrock Baron v	Dörs	Zinten	Hauptmahl —	Reichenbach v	Kreis Pr Holland
Buetler —	Klein Kannapinnen	Kreis Gumbinnen	Gubba —	Adlig Göthöfen	Memel
Bulow v —	Romansgut	Gross Hoppenbruch	Gutverwaltung	Palmnick	Kreis Fischhausen
		Friedland	Gutzeit —	Gross Gme	Kreis Gerdrun
Buhl Baron v	Posthehen	Nemmersdorf	Hagler —	Burkandten	Kreis Tilsit Ragni
Burchard —	Aust rehen	Kreis Angerburg	Ober Flehen	Salwarschenen	Kreis Dönhofstadt
Burschelt —	Va freide	Kreis Gumbinnen	Hammerschmidt —	Krol grem	Dönhofstadt
Busching —	Ganderkehmen	Kreis Tilsit Ragnit	Hanno —	Brandau	Marinenwerder
Busk es —	Kallingken	Rudau	Hardt —	Schlecke	Kraplan
Buttgereit —	Kuschneimen	Gerdaun	Hassenstein —	Stalschen	Schakuhnen
Campanhausen Baron v	Korick	Kreis Wehlau	Hatten v —	Salwarschenen	Kreis Stallupönen
Caspari —	Gross Schirrau	Kreis Ostpreussen	Hauptreitit —	Trakchen	Liska Schaaken
Caspari —	Kobbelbude	Kreis Pr Holland	Hausen Baron v —	Sudnick	Powayen
Chaisne —	Rahnau	Kreis Tilsit Ragnit	Heinrich —	Cath inhöfen	Kreis Stuhm
Chausen —	Charlottenwalde	Kreis Marienburg	Heise —	Lichtelde	Kreis Gumbinnen
Chausen —	Notzendorf	Bud len	Heistrath —	Jockeln	Kreis Marienburg
Conte —	Wenken	Pr Eylau	Hofschaf —	Kriegsmann —	Gross Lindenau
Corsep us	Görken	Kreis Insterburg	Heubach —	Kapkeim	Wid nungen
Dalheimer	K aun schken	Kreis Niederung	Heumann —	Klein Gabbik	Lebstadt
Dams —	Joneten	Kreis Niederung	Hilberg —	Hornietenhof	Goldbach
Darmenberg	Döhnehen	Neuendorf	Hippel v —	Gross Kuglak	Kreis Niederung
Deutsch v —	Gravenh en	Fossmahl	Höfeler —	Stuttun	Roggenhausen
Dickhauser —	Kuckernese	Kaulheimen	Högnig —	Matthildenhof	Creutberg
Doepner —	Mattischeken	Kreis Tilsit Ragnit	Högnig —	Moriten	Braunsberg
Dohrmann —	Klein Skirbat	Kreis Niederung	Höpfner —	Bömmhö en	Kreis Tilsit Ragnit
Dohnsch —	Spucken	Kreis Niederung	Höhler —	Budupönen	Quedau
Döhoff Count v	Friedrichshagen	Kreis Kön gberg	Adl g Sodaun	Kloster	Kreis Heilberg
Döhoff Count v	Krafftshagen	Bartenstein	Hosmann —	Klots nen	Kreis Mohrungen
Dohna Schlobitten	Schlobitten	Kreis Pr Holland	Hosmann —	Löben	Kreis Goldbach
Pr nce zu		Heiligenwalde	Hoth —	Garbenzken	Kreis Neidenburg
Dohna Schlobitten	Wilkuhen		Hulsem Baron v	Kügen	Posmahlen
Pr nce zu			Hutbach —	Waldkeim	Plicken
Dohna Schlobitten	Schlobitten	Kreis Pr Holland	Hundsdräcker —	Corallischen	Kreis Gerdaun
Dröckler —	Rudlauken	Kreis Insterburg	Jansow v —	Gerdaun	Kreis Quedau
Dyck —	Lichtelde	Kreis Stuhm	Japha —	Abnitzkeim	Tarpitschen
Dyck —	Palschken	Kreis Stuhm	Jaraczewski v —	Elknehen	Trakchen
Ebb nbaum —	Amalienhof	Kreis Stallupönen	Kagelmacher —	Gross Puspren	Kreis Pr Eylau
Eckhardt —	Kommoro ven	Bialla	Kalkstein v —	Erchen	Kreis Creutberg
Eiern v —	Bandels	Albrectsdorf	Kalkstein v —	Armberg	Posmahlen
Eiss —	Wanguck	Freess	Kalkstein v —	Drangriten	Kreis Insterburg
Erberger —	Klein Medun schken	Kreis Datschenheim	Kalkstein v —	Nen Drutschlauken	Tugen
Erberger —	Paballen	Kreis Tilsit Ragnit	Kantze Count v	Podangen	Powayen
Eulenburg Count zu	Gallungen	Kreis Pr edland	Keyserlingk Count v	Condehen	Kreis Mohrungen
Eulenburg Count zu	Prasten	Kreis Rastenburg	Klatt —	Popehen	Kreis Wandlacken
Eulenburg Count zu	Widenburg	Schönbrun	Klempnauer —	Prohen	Kreis Insterburg
Ewald —	Silengowen	Chm elwen	Klokwostreom Count v	Pröhen	Kreis Gerdaun
Falser —	Eisenhöhe	Kreis Oletzko	Klug —	Pröhen	Kreis Goldbach
Farensteiner —	Ballethagen	Kreis Darkehmen	Klugst —	Bowien	Kreis Goldbach
Farensteiner —	Paulsdorf	Kreis Angerburg	Knobloch v —	Adlig Bärwalde	Kreis Goldbach
Faub ader —	Oschwen ngen	Kreis Angerburg	Knobloch v —	Frischburg	Kreis Gerdaun
Ferbö —	Kuglacken	Kreis Niederung	Knobloch Lektorsberg —	Gross Rominten	Kreis Goldbach
Feyerabend —	Dorbnucken	Neuendorf	Kobyl uski v —	Korbsdorf	Kreis Goldbach
Fick —	Rinnau	Kreis Mohrungen	Koepen —	Abelschen	Kreis Goldbach
Fick —	Klein Medunau	Kreis Mohrungen	Koestar —	Stalle	Kreis Goldbach
Finkenst n Count v	Jaskendorf	Kreis Mohrungen	Kopp —	Guth den	Kreis Goldbach
Fink —	Guthenen	Liska Schaaken	Korth —	Adl g Althof Skirbat	Kreis Goldbach
Fink —	Nautsau	Gruhnoff	Krabmer —	Marggrabowa	Kreis Goldbach
Fley —	Gross Schwarzenau	Bartenstein	Kraus —	Dräuliten	Kreis Goldbach
Fischer —	Klein Bertung	Alenstein	Krawlewsk —	Rückgaben	Kreis Goldbach
Fischer v —	Loszane	Ostpreussen	Krause —	Oschöwen	Kreis Goldbach
Fotwell v —	Lautensee	Kreis Stuhm	Krause —	Paul nenhof	Kreis Goldbach
Fotwell v —	Foschmen	Kreis Fischhausen	Krause —	Schulen	Kreis Goldbach
Fortlage —	Worpack	Kreis Fischhausen	Krochmer —	Salsbach	Kreis Goldbach
Frankenburg v —	Rienau	Kreis Fischhausen	Kroeger —	Tramp schen	Kreis Goldbach
Fuchs —	Nadrau	Liebmühl	Kuckent —	Wilhelmsberg	Kreis Goldbach
Gäcke —	Wozien	Rödan	Kuckent v —	Kapstücken	Kreis Goldbach
Gamp Baron v —	Olshöwen	Kreis Pr Eylau	Kuchten v —	Juchten	Kreis Goldbach
Gastell —	Dorben	Kreis Angerburg	Kuchen in v —	Spanden	Kreis Goldbach
Gehrmann —	Powanden	Kreis Angerburg	Kuhn —	Laptau	Kreis Goldbach
Gerlach —	Baumgarten	Kreis Rastenburg	Kuntze —	Adl g Neuendorf	Kreis Goldbach
Gerlach —	Warn kam	Kreis Stuhm	Labanus —	Angutpönen	Kreis Goldbach
Gerlach —	Angnitten	Blad au	Landwirtschaftliche Schule	Adl g Klein Dombrowken	Kreis Angerburg
Gewiss —	Georgenburg	Kreis Insterburg		Pr Holland	Kreis Angerburg
Gewissverwaltung					Kreis Goldbach

Herd Book Associations in East and West Prussia of Breeders of Friesian Cattle (contd.)

PROMINENT BREEDERS

Lask, —	Amienhof	Kreis Angerburg	Rosenow, —	Schmiedekneim	Schiffpenbeil
Lehmann, —	Adlig Linkau	Gednick —	Sonnenjens	Tollmingskehmen	
Lenck, —	Freudenberg	Kreis Wehlau	Rothberger	Gummen	Kreis
Langnick, —	Neulappoben	Kreis Insterburg	Saint Paul v —	Jäcknitz	Zinten
Lenks v —	hattenau	Kreis Stallupönen	Saint Paul v —	Otten	Zinten
Lepehne —	Gross Scharlack	Labiau	Sandelowsky	Norehnen	Schugsten
Lietz —	Schönwiese	Kreis Marienburg	Sass —	Jedwillanten	Kreis Niederung
Lippold, —	Grasgrüen	Kreis Darkehmen	Sass v —	Tarpustschen	Kreis Darkehmen
Lorchner —	Mäken	Kreis Neudorf	Sauken v —	Talarn	Kreis Tarpustschen
		Friedheim	Scharfetter —	Alycken	Rauschen
Lorek, —	Popelken	Eichen	Schedukat	Mastruken	Kreis Pülkallen
Luckenbach, —	Klein Waldeck	Abschwangen	Schuchau v —	Pöhren	Ludwigsdorf
Luther, —	Abschermingken	Kreis Darkehmen	Schumann —	Katteikem	Kreis Rastenburg
Maack, —	Althof Egnitz	Kreis Pr. Eylau	Schulter —	Abschuten	Kreis Krapuschken
Mackentanz —	Laxdoyen	Wilkenhof	Schuldfeld Baron v	Ripkem	Wehlau
Maier, —	Galkken	Fischhausen	Schmidke —	Klein Datzin	Kreis Gummen
Marlenfeld —	Rosenhof	Kreis Marienburg	Schoen —	Esgarren	Kreis Tilsit Ragnit
Markwitz —	Drygallen	Kreis Johannsburg	Schoenwald	Adlig Rogalwalde	Tarpustschen
Matz —	Hulsenhof	Kreis Gross Arnsdorf	Schottge	Reichenbach	Kreis Pr. Holland
Menges, v —	Wangeniten	Wallingen	Schradet —	Abschuten	Kreis Insterburg
Mentz, —	Brakupönen	Kreis Gumbinnen	Schroeder	Königsdorf	Kreis Marienburg
Mentz, —	Narpallen	Gumbinnen	Schröder —	Mollenhen	Rudau
Mentz, —	Purpesseln	Kreis Gumbinnen	Schulz —	Adlig kanten	Schugsten
Mentzel —	Skerpen	Kreis Mohrungen	Schultz —	Klein Trumpeiten	Kaukehmen
Messing v —	Kapitten	Kreis Pommern	Schultz —	Gross Sehten	Kreis Rosenberg
Mey, hofher	Schöndren	Kreis Gumbinnen	Schumann —	Rogelhen	Seerappon
Michael —	Passlön	Kreis Pülkallen	Schumann —	Tykrighen	Kobbelbude
Moeller, —	hasuben	Kreis Stallupönen	Schweiger	Stadthausen	Kreis Wehlau
Moeller —	Trummau	Allenburg	Schwichtenberg —	Adlig Dollstadt	Alt Dollstadt
Möller Hohlkamp	Kircken	Rössel	Schwill —	Regitten	Kreis Königsberg
Motkau —	Plattl	Kreis Gersdauen	Sengdo —	Grosse Wessolowen	Kreis Angerburg
Mückenberger —	Wackern	Rositten	Schmet —	Caemitten	Ostpreussen
Mühlbacher, —	Gross Ochskonen	Kreis Tilsit Ragnit	Selinau —	Kreis Tilsit Ragnit	
Müller —	Mölen	Osterode	Siebert —	Corben	Rudau
Müellerbuchhof	Buchhof	Kreis Insterburg	Siegnied v —	Carben	Heiligenbeil
Naudros —	Pestekchen	Kreis Insterburg	Siegnied v —	Küllum	Kreis Tilsit Ragnit
Negenborn v —	Lovden	Kreis Bartenstein	Sokak —	Schillgallen kausdien	Kreis Pülkallen
Nessling —	Adlig Demmelken	Druehen	Sokat —	Ragupönen	Kreis Angerburg
Nessinger —	Georgenberg	Kreis Insterburg	Sosat —	Stawonsken	Kreis Angerburg
Neubacher, —	Pillwogallen	Kreis Insterburg	Spaeth v —	Meyken	Pronitten
Nick —	Charlottenhof	Kreis Liebenhül	Spanghen	Lysentien	Kreis Niederung
Nierekai, —	Eggenhaken	Kreis Pülkallen	Steen v —	Lichtenfeld	Kreis Niederung
Oetmann —	Lausenwalde	Kreis Stuhm	Stem —	Nickelndorf	Altmettin
Oetmann —	Steinberg	Kreis Rosenberg	Stobbe —	Grünwiese	Ludwigsdorf
Oschkinat —	Gross Trakuschken	Kreis Goldap	Stoermer —	Schönrohr	Kreis Niederung
Overkamp, —	Trömpau	Kreis Königsberg	Stoermer	Schlabbau	Kreis Marienburg
Paderick —	Raudohnen	Kreis Darkehmen	Strömer	Büdingen	Kreis Mohrungen
Paulat —	Adlig Lehmbruch	Kreis Niederung	Struck —	Wilkowen	Kreis Angerburg
Paulat —	Drozwalde	Kreis Pülkallen	Sturien	Ackmenschen	Kreis Niederung
Paulat —	Insterburg	Kreis Insterburg	Stutterheim v	Gross Waldeck	Domnau
Paulat —	Neu Buttkischen	Kreis Niederung	Sodau	Gross Albrechtshof	Kreis Darkehmen
Pauly —	Franklack	Kreis Schiffpenbeil	Sodau	Abschuten	Kreis Friedland
Pekahn —	Adlig-Jarbnicken	Kreis Niederung	Tarnher	Gross Labehen	Zinten
Pempe —	Abschrey	Kreis Niederung	Thierbach	Adlig Cross Skirbat	Kreis Niederung
Penner —	Marienhof	Kreis Niederung	Thierbach	Ziegelhof	Kreis Niederung
Perbrandt v —	Lagendorf	Kreis Eichen	Thimn —	Gross Leischken	Kreis Gerdauen
Perry —	Alten Schortell	Kreis Pülkallen	Thiemann —	Dwarischken	Kreis Niederung
Platnbaum —	Schleppchen	Kreis Pommern	Thomasius —	Ergenau	Kreis Osterode
Platz —	Adlig Tenen	Brandenburg	Trautmann —	Gerhardswalde	Kreis Niederung
Plack —	Secherben	Kreis Gerdauen	Ulmer —	Quanditten	Drupponen
Porr —	hobdsberg	Kreis Gerdauen	Valentin	Stapeltendorf	Pr. Eylau
Prebitt —	haken kalwischen	Kreis Darkehmen	Wemer —	Stapeltendorf	Kreis Insterburg
Prebitt —	Muthhof	Kreis Insterburg	Werner	Sauba	Allenburg
Preuss —	Guthenen	Kreis Liska Schapowen	Weiss v —	Gross Hauen	Kreis Hohenrade
Quadt Baron v —	Adamsheide	Kreis Stallupönen	Wendt	Gross Hohenrade	Kreis Hohenrade
Quasnowski	Larubren	Kreis Tilsit Ragnit	Wenemehs	Pulheim	Kreis Tilsit Ragnit
Radtke —	l. garten	Kreis Tilsit Ragnit	Wielke v —	Insirbitten	Kreis Tilsit Ragnit
Rasmussen Dohne —	Oberhakenau	Kreis L. d. wangen	Wielke v —	Prowhen	Kreis Tilsit Ragnit
Reichel —	Ober Alkenen	Kreis Gollschmede	Wielke v —	Peterswalde	Kreis S. u. m.
Reichert —	Auer	Kreis Niederung	Wierges	Wendebau	Kreis Tilsit Ragnit
Reimer —	Neusorge	Kreis Niederung	Wierher	Al. s. m. g. baum	Kreis Marienburg
Reimer —	l. g. m. o. m.	Kreis Pülkallen	Wierher	Al. s. m. g. baum	Kreis Marienburg
Reichler —	Schwarzdorf	Kreis Horn	Wierher	Al. s. m. g. baum	Kreis Marienburg
Reinl —	Katmae	Kreis Marienburg	Wierher	Al. s. m. g. baum	Kreis Marienburg
Reiseleut, —	Mesclero	Kreis Tilsit Ragnit	Wierher	Al. s. m. g. baum	Kreis Marienburg
Rhode —	Tronitten	Kreis Tilsit Ragnit	Wierher	Al. s. m. g. baum	Kreis Marienburg
Richter —	Hennin	Kreis Tilsit Ragnit	Wierher	Al. s. m. g. baum	Kreis Marienburg
Riesen v —	Georgsdorf	Kreis Tilsit Ragnit	Wierher	Al. s. m. g. baum	Kreis Marienburg
Rhode v —	Cromaren	Kreis Tilsit Ragnit	Wierher	Al. s. m. g. baum	Kreis Marienburg
Rohrmeyer —	Herkel Me	Kreis Tilsit Ragnit	Wierher	Al. s. m. g. baum	Kreis Marienburg
Rohrmeyer —	l. u. n. l. o. m.	Kreis Tilsit Ragnit	Wierher	Al. s. m. g. baum	Kreis Marienburg
Rosenfeld, —	Crischken	Kreis Tilsit Ragnit	Wierher	Al. s. m. g. baum	Kreis Marienburg
Rosenow —	Hennickau	Kreis Tilsit Ragnit	Wierher	Al. s. m. g. baum	Kreis Marienburg

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Herd Book Associations in East and West Prussia of Breeders of Friesian Cattle (contd.)

PROMINENT BREEDERS

Bolschwig v	Schönbruch	Kreis Pr. Friedland	Ciese —	Leiniten	Kreis Insterburg
Boltz —	Adl g Gründen	Labiau	Ciese —	Leiniten	Prontzen
Borkke v —	Tolkdorf	Kreis Rastenburg	Cirod —	Lu slanna	Kreis Heidenau
Boriss —	Adlig Liegen	Liebmühl	Clasow v —	Balga	Kreis Heidenau
Borntau —	St Lorenz	Rauschen	Clasow v —	Bartheim	Woltnack
Brack —	Gross Karwanden	Tharau	Goetze —	Kalkstein	Fischhausen
Braemer —	Donistal	Kreis Pulkallen	Goltz Baron v d —	Kallen	Fischhausen
Brandes Dr —	Althof	Kreis Insterburg	Goltz Baron v d	Mertensdorf	Friedland
Brandt v —	Pellen	Kreis Zinten	Goltz Baron v d	Wielack	Wenden
Brassat —	Skungirren	Kreis Insterburg	Goltz Demhardt Baron v d	Gross Bestendorf	Kreis Mohrungen
Braun —	Belbisdagut	Kreis Angerburg		Pr Wiltzen	Donnau
Braun —	Bönken	Kreis Pr Eylau		Gross Gotteswalde	Sonnenborn
Braun Baron v	Wärmkeim	Paars	Goetberg v —	Schrombeinen	Kreis Pr Eylau
Brockmann —	Naehem	Bartenstein	Graewe Läder v —	Lawken	Rhein
Bruhn —	Powarben	Trömgau	Gramatzki v —	Gross Klingbeck	Ludwigsort
Bruhn —	Steffenswalde	Döhlan	Graebow v d —	Wiese	Reichenbach
Brunkan —	Kon gstaun	Allenburg	Groeben v d —	Siegen	Pr Holland
Bruyère de la —	Knoppsdorf	Neuhäusen	Grubert —	Wesse shöfen	Godacken
Büchler —	Gro s Legden	Waldau	Grubert —	Reichenbach v	Kreis Tilsit-Ragnit
Buchsteiner —	Grusdöfchen	Wöterkem	Gubba —	Adlig Götzhöfen	Kreis Pr Holland
Budde —	Linkenau	Kreis Mohrungen	Gubba —	Palmenucken	Kreis Fischhausen
Buddenbrock Baron v	Dösen	Kreis Gumbinnen	Gulswaldt —	Gross Gnie	Kreis Gerdaun
Büttler —	Klein Kannapunen	Gumbinnen	Haasler —	Burkandten	Kreis Tilsit Ragnit
Bulow v —	Romansput	bruch Hoppen	Hablag —	Ober Plehnen	Donholstadt
		Friedland	Hammerschmidt —	Arhöcken	Marven erder
Buhl Baron v	Postehnen	Nemmersdorf	Hanno —	Brandau	Kraplau
Burchardt —	Austnehlen	Kreis Angerburg	Hardt —	Schildeck	Schakuchen
Bursche t —	Walfreide	Kreis Gumbinnen	Hassenstein —	Stalckshrn	Petershausen
Burschig —	Ganderkehmen	Kreis Tilsit Ragnit	Hatten v —	Salwaarschenen	Kreis Stallpönen
Buscho —	Kallungen	Kreis Rüdau	Hauptgestut —	Trakenhen	Liska Schakuen
Buttgereit —	Karschennehen	Kreis Gerdaun	Hausen Baron v —	Sudnicken	Powayen
Campenhout Baron v	Korlack	Kreis Wehlau	Heinrich —	Cathrinhöfen	Kreis Stühm
Caspari —	Gross Schirrau	Kreis Ostpreussen	Heinrich —	Lightfelde	Kreis Gumbinnen
Caspari —	Kobbelbude	Kreis Pr Holland	Hessrath —	lockeln	Kreis Marienburg
Chomse —	Rabnau	Kreis Tilsit Ragnit	Herrmann —	Königshof	Gross Landenau
Classen —	Charlottenwalde	Kreis Marienburg	Heubach —	Kapkeim	Wid mnenen
Classen —	Notzendorf	Kreis Budden	Heumann —	Klein Gablick	Liestadt
Contag —	Wenzken	Kreis Pr Eylau	Hildenberg —	Hennettenhof	Goldbach
Corsepius —	Gorken	Kreis Niederung	Hippel —	Gross Kuglack	Kreis Niederung
Dalbramer —	Klaunschen	Kreis Neudorf	Höglner —	Pustutten	Roggenhausen
Dannenberger —	Jonetten	Kreis Pommalen	Hoening —	Mathildenhof	Bräunsberg
Deutsch v —	Graventh en	Kreis Kuckemee e	Hoening —	Woritten	Kreis Tilsit Ragnit
Dickhaeuser —	Kuckemee e	Kreis Tilsit Ragnit	Hoepfner —	Böhmehöfen	Quednau
Döpnert —	Mattischen	Kreis Niederung	Höhler —	Budupönen	Kreis Heilsberg
Döhring —	Klein Skirbt	Kreis Königsberg	Hofm —	Adl g Sudan	Kreis Mohrungen
Dönhoff Count v	Spucken	Kreis Bartenstein	Hosmann —	Klofamen	Kreis Neuburg
Dönhoff Count v	Friedrichst n	Kreis Pr Holland	Hosmann —	Löben	Pommalen
Dohna Schlobitten	Schlobitten	He ligenwalde	Host —	Garmesngen	Kreis Gerdaun
Prince zu	Willkühnen	Kreis Pr Holland	Hulkseem Baron v	Küggen	Kreis Tilsit Ragnit
Dohna Schlobitten	Schlobitten	Kreis Insterburg	Huttenbach	Waldseem	Kreis Gerdaun
Dohna Schlobitten	Schlobitten	Kreis Stühm	Hundsdoerfer —	Corallischen	Kreis Gerdaun
Drückler —	Rudlauken	Kreis Stühm	Jaason v —	Gerdauen	Kreis Gerdaun
Dyck —	Lichtfelde	Kreis Stühm	Japha —	Abentkeim	Kreis Gerdaun
Dyck —	Palenschen	Kreis Stühm	Jaraczewski v —	Elkanchen	Kreis Gerdaun
Ebb nghaus —	Amalinhof	Kreis Stalupönen	Kasewurm —	Gross Puspenn	Kreis Pr Eylau
Ehardt —	Kommorowen	B alla	Kalkstein v —	Fichen	Kreis Gerdaun
Elern v —	Bandels	Albrechtsdorf	Kalkstein v —	Arn berg	Kreis Insterburg
Ents —	Wanigack	Prassen	Kalkstein v —	Drauzetten	Kreis Insterburg
Erzberger —	Klein Medunischen	Kreis Dörkemen	Kallweit —	Neu Deutschlauken	Kreis Insterburg
Erzberger —	Peballen	Kreis Tilsit Ragnit	Kantzt Count v	Condenen	Kreis Insterburg
Eulenbourg Count zu	Gall egen	Kreis Friedland	Kasterlingk Count v	Popehnen	Kreis Insterburg
Eulenbourg Count zu	Prassen	Kreis Rastenburg	Klatt —	Prohnen	Kreis Insterburg
Eulenbourg Count zu	Wuden	Schönbruch	Klempnauer —	Heil grunten	Kreis Insterburg
Ewald —	Sedgenen	Clemlewen	Klinoestrom Count v	Waldseem	Kreis Insterburg
Fahser —	Eisenhöhe	Kreis Cletitz	Klinge —	Bawen	Kreis Gerdaun
Farrenstener —	Balletgurren	Kreis Dörkemen	Klingst —	Adlig Bärwalde	Kreis Gerdaun
Farrenstener —	Paulsdorf	Kreis Angerburg	Knobloch v —	Friedrichsburg	Kreis Gerdaun
Fasb ader —	Oschwen gken	Kreis Niederung	Knobloch v —	Gross Rominten	Kreis Gerdaun
Fern —	Kuglacken	Kreis Taplacken	Koepff Eckertsberg —	Abelshchen	Kreis Gerdaun
Feyerabend —	Dornucken	Kreis Palmenucken	Kobylinsk v —	Stalle	Kreis Gerdaun
Fick —	R nau	Kreis Neudorf	Koostar —	Guthieden	Kreis Gerdaun
Fick —	Klein Medenau	Kreis Mohrungen	Kohtz —	Adlig Althof Skirbt	Kreis Gerdaun
Finkenstein Count v	Jaskendorf	Kreis Liska Schakuen	Kopp —	Marggrabowa	Kreis Gerdaun
Fink —	Günthenen	Kreis Grunhof	Korth —	Drautitten	Kreis Gerdaun
Fink —	Nautsau	Kreis Bartenstein	Krakmer —	Rückgarben	Kreis Gerdaun
Firley —	Gross Schwarauen	Altenste n	Krakow —	Olchöwen	Kreis Gerdaun
Fischer —	Klein Bertung	Kreis Ostpreussen	Krause —	Palmenhof	Kreis Gerdaun
Fischer v —	Lozaine	Kreis Stühm	Krause —	Schulen	Kreis Gerdaun
Flotwell v —	Lautene	Kreis Mehlauen	Kroek —	Salzbach	Kreis Gerdaun
Fortreuter —	Schachauen	Kreis Fischhausen	Kröner —	Tramischen	Kreis Gerdaun
Fortlage —	Worpplack	Kreis Rüssel	Krueger —	Wilhelmsberg	Kreis Gerdaun
Frankenburg v —	Bierau	Kreis Liebmühl	Kucke n —	Kapstucken	Kreis Gerdaun
Fuchs —	Rudau	Kreis Rastenburg	Kuenheim v —	Judbitten	Kreis Gerdaun
Gadeke —	Nadrau	Kreis Pr Eylau	Kuenheim v —	Spanden	Kreis Gerdaun
Gamp Baron v —	Worsten	Kreis Angerburg	Kuhn —	Laptau	Kreis Gerdaun
Gastell —	Olshöwen	Kreis Angerburg	Kuhn —	Adl g Neudorf	Kreis Gerdaun
Gehrmann —	Dörben	Kreis Rastenburg	Kuntz —	Augustendorf	Kreis Gerdaun
Gerick —	Possawangen	Kreis Stühm	Labesau —	Adlig Klein Dombrowken	Kreis Gerdaun
Gerlach —	Barumgarth	Kreis Stühm	Landw rtschaftliche	Pr Holland	Kreis Gerdaun
Gerken —	Wärmkau	Kreis Pr Holland	Schule	Heersongstal	Kreis Gerdaun
Gerken —	Angnitten	Kreis Insterburg	Langel —		Kreis Gerdaun
Geestatsverwaltung	Georgenburg				

PROMINENT BREEDERS

Lehm —	Amienhof	Kreis	Angerburg	Rosenow —	Schmidtkreim	Schlippenbeil
Lückmann —	Adlig-Linkau		Godnicken	Rothe —	Santonien	Talmincklehen
Lemcke —	Freudenberg	Kreis	Wehlau	Rothenger —	Nemmersdorf	Kreis Gumbinnen
Lenigk —	Neulappben	Kreis	Interburg	Saint Paul v —	Jacknitz	Zinten
Lenigk v —	Kattenau	Kreis	Stallupönen	Saint Paul v —	Otten	Zinten
Lepelne —	Gross Scharlack		Labiau	Sandeflowsky —	Nieborchen	Schugiten
Lietz —	Schönwiese	Kreis	Marneburg	Sass —	Jedwabien	Kreis Niederung
Lippold —	Grasgrün	Kreis	Darkehmen	Sauken v —	Tarputschen	Kreis Darkehmen
Lorchner —	Maken		Neundorf	Sauken v —	Tataren	Tarputschen
			Friedheim	Scharfetter —	Nlyken	Rauschen
Lorek —	Popelken		Eichen	Schedukat	Nastuken	Kreis Pillaillen
Luckenbach —	Klein Waldeck		Abeschwanzen	Schneidau v v —	Pöhrten	Ludersdorf
Luther —	Abtschermingken		Darkehmen	Schiemann —	Kattekeim	Kreis Rastenburg
Mack —	Althof Ragmit	Kreis	Pr Eylau	Schlenther —	Moulinen	Kraup schken
Mackentz —	Ladsoyen		Wilckdorf	Schidfeld Baron v	R pkeim	Wehlau
Maler —	Gassiken		Fischhausen	Schmidke —	Alvin Datzen	Kreis Gumbinnen
Martenfeld —	Rosertorf	Kreis	Varenburg	Schneidau v v —	Eysgarten	Kreis Tilsit Ragmit
Markwitz —	Drygallen	Kreis	Johannisburg	Schoenwald	Adl g Rogalwalde	Tarputschen
Matz —	Hulsenhof		Gross Arnsdorf	Schottge	Reichenbach	J reis Pr Holland
Menges v —	Wanggritten		Galligen	Schradet	Absehruten	Kreis Insterburg
Mentz —	Brakupönen	Kreis	Gumbinnen	Schroeder	Königsdorf	Kreis Marienburg
Mentz —	Nargallen		Gumbinnen	Schroeder	Mollchen	Rudau
Mentz —	Purpesseln	Kreis	Gumbinnen	Schulz —	Adlig kanten	Schugiten
Mentzel —	Skerpen		Mohnrugen	Schulz —	Klein Trumpsteden	Kaukenhmen
Messing v —	Kapittien		Domau	Schulze —	Gross Schren	Kreis Rosenberg
Meyhoeffer —	Sodehnen	Kreis	Gumbinnen	Schumann	Rogehen	Seerapen
Michalski —	Paulstopen		Pillaillen	Schumann	Tyrgubinnen	Kobbelbude
Möller —	Kassuben	Kreis	Stallupönen	Schwelger —	Stadthausen	Kreis Wehlau
Möller —	Trumau		Allenburg	Schwichtenberg —	Adl g Dollstädt	Alt Dollstädt
Möller-Holtkamp —	Junkerken		Rössel	Schwill —	Regitten	Kreis Königsberg
Motzkau —	Plautt	Kreis	Gersdorn	Segadio	Grosse Wessolowen	Kreis Angerburg
Müchelsberger —	Wackern		Schmer	Selmer	Carstensen	Geppusken
Mühlbacher —	Gross Oschkenen	Kreis	Tilsit Ragmit	Sellnat —	Warnen	Kreis Tilsit Ragmit
Müller —	Mörlen		Ostode	Siebert —	Corben	Rudan
Müllerbuchhof —	Buchhof		Kreis Insterburg	Siefried v —	Carben	Heiligenbeil
Naudus v —	Peterkehmen	Kreis	Interburg	Siefried v —	Wilkeum	Ragitten
Negedorn v —	Bartenstein		Leudien	Schimbabraks	Schilgallen hauschen	Kreis Tilsit Ragmit
Nesslinger —	Adl g Dommelkeim		Drughen	Sokat —	Ragupönen	Kreis Pillaillen
Nesslinger —	Georgenburg	Kreis	Interburg	Sosat —	Stawisken	Kreis Angerburg
Neubacher —	Pillwallen	Kreis	Interburg	Spaeth v —	Meyken	Frontiten
Nick —	Chaplothenhof		Liebenwühl	Spanghli	Eysgarten	Kreis Niederung
Nienkowsky —	Egelen nörken	Kreis	Pillaillen	Steen v —	Gross Stengen	Lichtenfeld
Nietmann —	Lausenwalde		Kreis Stuhm	Stern —	Nickelsdorf	Allenstein
Nietmann —	Steinberg	Kreis	Rosenberg	Stobbe —	Grünwiese	Ludwigsdorf
Oschkinnak —	Gross Trakusken	Kreis	Goldap	Stoerner	Schönbrun	Kreis Niederung
Overkamp —	Trömpau	Kreis	Königsberg	Stoerner	Schlabau	Marlenburg
Padefike —	Raujöhnen	Kreis	Darkehmen	Stuppel —	Böndgen	Kreis Mohrungen
Paulat —	Adlig Lehmbruch	Kreis	Niederung	Struck —	Wilkowen	Kreis Angerburg
Paulat —	Drozwalde	Kreis	Pillaillen	Sturges —	Ackemtschken	Kreis Niederung
Paulat —	Interburg	Kreis	Interburg	Stutterheim v —	Gross Waldeck	Kreis Niederung
Paulat —	Neu Buttischken	Kreis	Niederung	Symonski —	Gross Albrechtsbol	Kreis Darkehmen
Pauls —	Prantlack		Schlippenbeil	Taubner —	Kloschen	Iridianu
Pel kahn —	Adlig-Liebnicken		Sangutten	Thaubner	Gross Labrunen	Zoten
Pempe —	Abshrey	Kreis	Niederung	Thierbach —	Adlig Tross Skirbit	Kreis Niederung
Penner —	Marnhof		Galdenboden	Thierbach —	Ziegenberg	Kreis Niederung
Perbrandt v —	Lagenort		Eichen	Thum —	Gross Lonschen	Kreis Cerdauen
Perry —	Klein Schorellen	Kreis	Pillaillen	Tiedeman —	Dwarzhlschken	Kreis Niederung
Pflaumbaum —	Schleppcken		Prohitten	Thomasau —	Frodenau	Kreis Niederung
Platen v —	Adl g Tenggen		Brandenburg	Trautmann —	Cornhanswalde	Niederung
Lock —	Schlesien	Kreis	Gerdauen	Umet —	Quanditten	Drughen
Por —	Königsberg		Ostpreussen	Valentin —	Hornstiettenhof	Pr Eylau
Prellwitz —	Klein Kallwischen	Kreis	Darkehmen	Wagner —	Stagutischen	Kreis Insterburg
Prellwitz —	Myrthenhof		Interburg	Weise v —	Cottbus	Saalen
Priess —	Guthenhof		Luka Schaken	Weiss v —	Cross Labrun	Arnsberg
Quadt Thon v —	Adamshof		Cross karpowen	Wendt —	Cross Hohenrade	Alt lagenwalde
Quasnowsky —	Larubren	Kreis	Stallupönen	Wenmohls —	Endheim	Cuttsfeld
Kalike —	Eysgarten	Kreis	Tilsit Ragmit	Wespehl —	Interfeld	Kreis Tilsit Ragmit
Rasmussen Thone —	Ober-Blankenau		L	Wybe v —	Prosschken	Adlschneide
Reichel —	Ober-Allenhen		L	Wybe v —	Pietrowswalde	Kreis Salm
Reichert —	Auer		Nork tten	Wagern —	Wesdels	Thierenberg
Reimer —	Neumorse	Kreis	Niederung	Wapler —	Kiettenort	Kreis Marneburg
Reiner —	I ggen nken	Kreis	Pillaillen	Wan ker —	Ar g H eichbaum	Kreis M g ppebeil
Reklitzke —	Schneckenrdorf		Hoon	Warter —	Brum-Jacken	Kreis Eylau
Reinelt —	Necken	Kreis	Marneburg	Witt —	Ad g Medman	Kreis Eylauwald
Rhode —	Nesscken	Kreis	Tilsit Ragmit	Wittner —	Lazebnen	Kreis Eylauwald
Richter —	Tenutten		Bartenstein	Wunderlich —	Notamshof	Kreis Marneburg
Riesen v —	Menow	Kreis	Bartenstein	Wüst —	Notamshof	Kreis Marneburg
Rosen v —	Cornmodorf		Stuhm	Zebe —	Notamshof	Kreis Marneburg
Robrmoer —	Greenzagen		Gawmen	Zerrath —	Notamshof	Kreis Marneburg
Robrmoer —	Burken kle		Stuhm	Zerrath —	Notamshof	Kreis Marneburg
Robrmoer —	Usteln iden		Stuhm	Zerrath —	Notamshof	Kreis Marneburg
Rosenfeld —	Critus iden		Stuhm	Zerrath —	Notamshof	Kreis Marneburg
	Gertman	Kreis	Stuhm	Zerrath —	Notamshof	Kreis Marneburg

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Herd Book Associations in East and West Prussia of Breeders of Friesian Cattle (contd.)

PROMINENT BREEDERS

Lask —	Amienhof	Kreis Angerburg	Rosenow —	Schmidtkeum	Schrippenbeil
Lehmann —	Adlig Linkau	Gödelken	Rothe —	Samonien	Tollingkehmen
Lencke —	Freudenberg	Kreis Wehlau	Rothwanger —	Neumersdorf	Gumbinnen
Lenz, L. —	Neulappönen	Kreis Insterburg	Saint Paul v. —	Jäckits	Zinten
Lenz, L. v. —	Kattenau	Kreis Stallupönen	Saint Paul v. —	Otten	Zinten
Lepehne —	Gross Scharlack	Labiau	Sandelowsky, —	Norgehnen	Schugsten
Lietz —	Schönwiese	Kreis Marienburg	Satz —	Jedwailten	Kreis Niederung
Lippold —	Grasgrün	Kreis Darkehmen	Sauken v. —	Tarpitschen	Kreis Darkehmen
Lorchner, —	Mäken	Neudorf	Schauer v. —	Tarpitschen	Kreis Tarpitschen
		Friedheim	Scharfetter —	Mycken	Rauschen
		Eichen	Schedaukat	Masruken	Kreis Pilskalen
		Abschwangen	Schuchau v. —	Pöhren	Ludwigort
		Kreis Darkehmen	Schumann —	Katkeum	Kreis Rastenburg
		Kreis Pr. Eylau	Schlenker —	Mouli nen	Kreis Rastenburg
		Ladysen	Schmidtkeum Baron v	Kypkeim	Kreis Rastenburg
		Fischhausen	Schmidtke —	Klein Datteln	Kreis Gumbinnen
		Kreis Marienburg	Schoen —	Eygarten	Kreis Tilsit Ragnit
		Kreis Marienburg	Schoenwald	Adlig Rogalwalde	Kreis Tarpitschen
		Kreis Marienburg	Schottge	Reichenbach	Kreis Pr. Holland
		Kreis Marienburg	Schradner —	Abschritten	Kreis Insterburg
		Kreis Marienburg	Schradner —	Königsdorf	Kreis Marienburg
		Kreis Marienburg	Schützler —	Vollhehen	Kreis Rudau
		Kreis Marienburg	Schulz —	Adlig Kanten	Kreis Schugsten
		Kreis Marienburg	Schulz —	Klein Trumperten	Kreis Rauschen
		Kreis Marienburg	Schulze —	Gross Sehren	Kreis Rauschen
		Kreis Marienburg	Schumann —	Rogehen	Kreis Rastenburg
		Kreis Marienburg	Schumann —	Tyrkgraben	Kreis Rastenburg
		Kreis Marienburg	Schwager —	Stadthausen	Kreis Wehlau
		Kreis Marienburg	Schwachenberg —	Adlig Dollstadt	Alt Dollstadt
		Kreis Marienburg	Schwill —	Regitten	Kreis Königsberg
		Kreis Marienburg	Segado, —	Grosse Wesslowen	Kreis Angerburg
		Kreis Marienburg	Selina —	Carmiten	Kreis Angerburg
		Kreis Marienburg	Siebert —	Warren	Kreis Tilsit Ragnit
		Kreis Marienburg	Siebert v. —	Corben	Kreis Rudau
		Kreis Marienburg	Siebert v. —	Carben	Kreis Haidgrubell
		Kreis Marienburg	Siebert v. —	Kalkem	Kreis Tilsit Ragnit
		Kreis Marienburg	Silkebraks —	Schilligallen hausen	Kreis Pilskalen
		Kreis Marienburg	Sokal —	Ragupönen	Kreis Angerburg
		Kreis Marienburg	Sosat —	Slawiken	Kreis Angerburg
		Kreis Marienburg	Spaeth v. —	Mjcken	Kreis Pioniten
		Kreis Marienburg	Spanghel —	Lyseuten	Kreis Niederung
		Kreis Marienburg	Stegen v. —	Gross Steegen	Kreis Niederung
		Kreis Marienburg	Stern —	Nickelndorf	Kreis Allenstett
		Kreis Marienburg	Stobbe —	Grünwiese	Kreis Ludwigort
		Kreis Marienburg	Stoerner —	Schönrohe	Kreis Niederung
		Kreis Marienburg	Stoerner —	Schlabbau	Kreis Marienburg
		Kreis Marienburg	Stoppel —	Böndgen	Kreis Mohrungen
		Kreis Marienburg	Sturges —	Wilkowen	Kreis Angerburg
		Kreis Marienburg	Stutterheim v. —	Ackemischken	Kreis Niederung
		Kreis Marienburg	Südu —	Gross Waldeck	Kreis Domnau
		Kreis Marienburg	Szymonski —	Gross Albrechtshof	Kreis Darkehmen
		Kreis Marienburg	Taubert —	Kischmehen	Kreis Friedland
		Kreis Marienburg	Thierbach —	Gross Labehen	Kreis Zinten
		Kreis Marienburg	Thierbach —	Adlig Cross Skirbat	Kreis Niederung
		Kreis Marienburg	Thimm —	Gross Lenschken	Kreis Gerlauren
		Kreis Marienburg	Thiedemann —	Dwarischken	Kreis Niederung
		Kreis Marienburg	Thomasus —	Födenau	Kreis Osterode
		Kreis Marienburg	Tragtmann —	Gerhardswalde	Kreis Niederung
		Kreis Marienburg	Umer —	Quanditen	Kreis Prussen
		Kreis Marienburg	Valentini —	Wendelshof	Kreis Prussen
		Kreis Marienburg	Wagner —	Stapeln	Kreis Insterburg
		Kreis Marienburg	Walt —	Gnottau	Kreis Saalau
		Kreis Marienburg	Wass v. —	Gross Laben	Kreis Altmann
		Kreis Marienburg	Wendt —	Gross Hohenrade	Kreis Hagenwalde
		Kreis Marienburg	Wenemohs —	Halbtem	Kreis Tilsit Ragnit
		Kreis Marienburg	Westphal —	Interleide	Kreis Tilsit Ragnit
		Kreis Marienburg	Weyden —	Preyschke	Kreis GutsMuths
		Kreis Marienburg	Wiele —	Peterswalde	Kreis Stuttn
		Kreis Marienburg	Wiegens —	Wendelshof	Kreis Tilsit Ragnit
		Kreis Marienburg	Wielher —	Kietzendorf	Kreis Marienburg
		Kreis Marienburg	Winkler —	Ad. d. H. Saugbaum	Kreis Marienburg
		Kreis Marienburg	Witt —	Alt —	Kreis Marienburg
		Kreis Marienburg	Witt —	Burn Lacken	Kreis Marienburg
		Kreis Marienburg	Wittwer —	Ad. d. H. Saugbaum	Kreis Marienburg
		Kreis Marienburg	Wunderlich —	Laubtem	Kreis Marienburg
		Kreis Marienburg	Wut —	Notemhof	Kreis Marienburg
		Kreis Marienburg	Zehe —	Preyschke	Kreis Marienburg
		Kreis Marienburg	Zerath —	Hagen Tarsen	Kreis Marienburg
		Kreis Marienburg	Zerra —	Seyden	Kreis Marienburg
		Kreis Marienburg	Zimmermann —	Neu Bunden	Kreis Marienburg
		Kreis Marienburg	Zilgenitz v. —	Wendern	Kreis Marienburg

THE POMERANIAN HERD BOOK ASSOCIATION OF BREEDERS OF BLACK-WHITE LOWLAND CATTLE, Stettin, Germany

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Herd Book Associations in East and West Prussia of Breeders of Friesian Cattle (contd.)

PROMINENT BREEDERS

Bolschwig v	Schönbruch	Kreis Fr Friedland	Giese —	Legitten	Kreis Insterburg
Boltz —	Adlig Gründen		Ciese —	Lecliten	Prömiten
Borcke v —	Tollsdorf	Kreis Rastenburg	Clrod —	Luis anna	Kreis Darkehmen
Boruss —	Adlig Liegen		Clasow v —	Isalia	Kreis Heiligenstadt
Boruta —	St Lorenz		Clasow v —	Isarhinnen	Kreis Wolzitz
Brack —	Gross Kar inden		Coetz —	Kalkstein	Fischhausen
Braemer —	Dor stal	Kreis Pulkallen	Goltz Baron v d —	hallen	Fischhausen
Brandes Dr —	Althof	Kreis Insterburg	Goltz Baron v d	Mertensdorf	Friedland
Brandt v —	Pellen		Goltz Baron v d	Wehlack	Wendau
Brassat —	Schumpren	Kreis Insterburg	Goltz Demhardt Baron	Gross Bestendorf	Kreis Mohrau
Brasch —	Bethsdagot				
Braun —	Bönken	Kreis Fr Lykau	Goltberg v —	Pr Wilten	Domau
Braun Baron v	Wamkeim		Graeve Adler v —	Gross Gotteswäke	Sonnenborn
Brockmann —	Maxheim	Kreis Bartenstein	Cramatzki v —	Scl rombehnen	Kreis Fr Lykau
Bruh —	Powarben		Gramberg —	Lawken	Rhein
Bruh —	Steffenswalde		Groeben v d —	Gross Klingbeck	Ludwigsdorf
Brunk —	Königstano	Altenburg	Groeben v d —	Warte	Reichenbach
Bruyère de la —	Kröppelsdorf	Neuhäusen	Gronc —	Steern	Fr Holland
Blebler —	Cros & Legden	Waldau	Gruber —	Bohnau	Gödricken
Buchsteiner —	C rudshöfen	Wöterkeim	Cruber —	Wessehöfen	Schaakswitt
Budde —	Linkenau	Kreis Mohrungen	Crubert —	Bartuketen	Kreis Klitz Ragnit
Buddenberg Baron v	Dorin	Kreis Zinten	Grunwaldt —	Reichenbach	Kreis Fr Holland
Büttler —	Klein Kannapunen	Kreis Klumbinnen	Gubbe —	Adlig Göthöfen	Kreis Nemel
Bülw v —	Romangut	Kreis Gross Jloppen	Gutsverwaltung	Palnicken	Kreis Fischhausen
			Gutzeit —	Gross Gnie	Kreis Gerdauen
Buhl Baron v	Postehnen	Friedland	Haasler —	Burkanden	Kreis Tilsit Ragnit
Burchardt —	A st neben	Nemmersdorf	Ilshweg —	Obder Plehmen	Kreis Dohna
Burscheit —	Wallreide	Kreis Angerburg	Ilshweg —	Kröber	Kreis Dohna
Busch og —	Candierkehmen	Kreis Gumbinnen	Hammerschmidt —	Hanne —	Dohna
Buskes —	Kalln ngen	Kreis Tilsit Ragnit	Hardo —	Schlick	Manenwerder
Buttgereit —	Nitschenken	Rudau	Hassenstein —	Stallschirn	Kreis Kraplau
Camper hausen Baron v	Horlack	Gerdauen	Hatten v —	Salzwasschen	Kreis Schalken
Caspari —	Gross Schirrau	Kreis Wehlau	Hauptgüt —	Trakehen	Kreis Petershagen
Caspari —	Kobellbude	Kreis Ostpreussen	Hausen Baron v —	Schicklen	Kreis Stallupönen
Chomse —	Rahnu	Kreis Fr Holland	Heinrich —	Cath inhöfen	Kreis Liska Schaaken
Claassen —	Charlottenwalde	Kreis Tilsit Ragnit	Heise —	Lichtfelde	Kreis Powayen
Claassen —	Notzendorf	Kreis Marienburg	Heisrath —	Jockeln	Kreis Gumbinnen
Contag —	Wenzen	Buddau	Herrmann —	Königshof	Kreis Marienburg
Corsop us —	Gorken	Fr Lykau	Heubach —	Kapken	Kreis Gross Lindenau
Dalbei net	Kaunischenken	Kreis Insterburg	Hennmann —	Klein Gabilick	Kreis Wilmunen
Dams —	Jone ten	Kreis Niederung	Hölsenberg —	Henniettenhof	Kreis Liebstadt
Dannenber	Dohgenen	Neuendorf	Hippel v —	Gross Kuglack	Kreis Goldbach
Deusch v	Graven thien	Pomahlen	Höller —	Pustuten	Kreis Rogenhausen
Dickhauser —	Kuckenecke	Kaukehmen	Hoenig —	Maitthendof	Kreis Creutzburg
Doepner —	Mischken	Kreis Tilsit Ragnit	Hoenig —	Woritten	Kreis Braunsberg
Dohring —	Kle n Sk rst	Kreis Niederung	Hopfer —	Böhmendof	Kreis Tilsit Ragnit
Dommasch —	Spucken	Kreis Niederung	Höhler —	Budupönen	Kreis Quedau
Dönhoff Count v	Friedrichstein	Kreis Königsberg	Hömp —	Adlig Sudau	Kreis Heil berg
Dönhoff Count v	Kraftshagen	Bartenstein	Hosmann —	Holainen	Kreis Mohrungen
Dohna Schlobitten	Schlobitten	Kreis Fr Holland	Hosmann —	Löben	Kreis Goldbach
Fr nce zu	Wilkühnen	Heiligenwalde	Hoth —	Gartenaugen	Kreis Neidenburg
Dohna Schlobitten	Schlobitten	Kreis Fr Holland	Hülsem Baron v	Kuagen	Kreis Pomahlen
Prince zu			Hüttenbach —	Waldkeim	Kreis Picken
Dohna Schlobitten			Hundsdoerfer —	Corallischen	Kreis Gerdauen
Druckler —	Rudlauken	Kreis Insterburg	Jasson v —	Gerdauen	Kreis Quedau
Dyk —	Lichtfelde	Kreis Stuhm	Jaske —	Abintken	Kreis Tarputschen
Dyk —	Paleschken	Kreis Stuhm	Jaraczewski v —	Elkmehlen	Kreis Trakehen
Ebb nhaus —	Amalienhof	Kreis Stallupönen	Kaeswurm —	Gross Pusperu	Kreis Fr Lykau
Ebbard —	Kommorowen	Bialla	Kaelmacher —	Eichen	Kreis Creutzburg
Eiern v —	Bandels	Kreis Albrechtsdorf	Kalkstein v —	Dranguten	Kreis Pomahlen
Ess —	Wangnick	Prassen	Kallweit —	Neu Drutschlauken	Kreis Insterburg
Erzberger —	Klein Medumischen	Kreis Darkehmen	Kantz Count v	Podagen	Kreis Targen
Erzberger —	Faballen	Kreis Tilsit Ragnit	Keyserlingk Count v	Condehen	Kreis Eichen
Eulenburg Count zu	Gallagen	Kreis Friedland	Klitz —	Prohen	Kreis Wollungen
Eulenburg Count zu	Prassen	Kreis Rastenburg	Klumpauer —	Prohen	Kreis Wandlauken
Eulenburg Count zu	Wicken	Kreis Schönbruch	Klinkowstroom Count v	Heil genstein	Kreis Gerdauen
Ewald —	Schengowen	Chmielewen	Kluge —	Lindenberg	Kreis Gerdauen
Fahser —	Eisenhöhe	Kreis Oletzko	Klugst —	Bawten	Kreis Goldbach
Farensteiner —	Balletgrenen	Kreis Darkehmen	Knobach v —	Adl Barwalde	Kreis Goldbach
Fasb nder —	Paulsdorf	Kreis Angerburg	Knobloch v —	Friedrichsdorf	Kreis Goldap
Ferno —	Oschwen ngen	Kreis Niederung	Knopff Eckertsberg —	Cross Romanien	Kreis Vorditt
Feyerabend —	Kuglacken	Taplacken	Nobylinsk v —	Korbsdorf	Kreis Gerdauen
Fick —	Dorblucken	Palnicken	Roeppen —	Abelschiken	Kreis Marienburg
Fick —	Ruanu	Neuendorf	Roer —	Stalle	Kreis Neudorf
Finn —	Klein Medenau	Medenau	Rohtz —	Guth edem	Kreis Oletzko
Finkenstein Count v	Jaskendorf	Kreis Mohrungen	Kopp —	Adlig Adlig Skirbst	Kreis Grünhagen
Fink —	Guthenhen	Liska Schaaken	Korth —	Margenbowa	Kreis Wöterkeim
Fink —	Bautze	Geunhof	Kraemer —	Dranguten	Kreis Niederung
Firley —	Gross Schwarzraunen	Bartenstein	Krakow —	Rückgarben	Kreis Oletzko
Fischer —	Klein Bertung	Allenstein	Kralewski —	Olshöwen	Kreis Rudwangen
Fischer v	Lozza ne	Ostpreussen	Krause —	Paulinenhof	Kreis Wulack
Fischel v —	Lautensee	Kreis Stuhm	Krause —	Schülen	Kreis Ostpreussen
Fischel v —	Schuldenen	Kreis Fischhausen	Krause —	Saltbach	Kreis Angerburg
Fischel v —	Fischhausen	Kreis Fischhausen	Krönnet —	Tram schen	Kreis Labiau
Frankenburg v —	Worlack	Rössel	Krugert —	Wilhelmsberg	Kreis Schenbruch
Fuchs —	Pr enau	Liebmühl	Kucke o —	Kapuckten	Kreis Wollungen
Fudeke —	Rudau	Rudau	Kuhenm v —	Thib tten	Kreis Rudau
Camp Baron v —	Worwen	Kreis Fr Lykau	Kuhenm v —	Spanden	Kreis Adn gberg
Gastell —	Olshöwen	Kreis Angerburg	Kuhn —	Laptiau	Kreis Gumb nnen
Gehrman —	Dorben	Kreis Powunden	Kuhn —	Adl g Neuendorf	Kreis Angerburg
Gericke —	Posewangen	Kreis Rastenburg	Kuntze —	Angspönen	Kreis Fr Holland
Gerlach —	Baumgarth	Kreis Stuhm	Labanus —	Adlig Khan Dembrowken	Kreis Fr Holland
Gerlach —	Warakum	Bladaw	Landwirtschaftliche	Pr Holland	Kreis Goldap
Gewiss —	Angnitten	Fr Holland	Schule		
Gewissverwaltung	Georgenberg	Kreis Insterburg	Langel —	Herzogstal	

Herd Book Associations in East and West Prussia of Breeders of Friesian Cattle (contd)

PROMINENT BREEDERS

Bolschwing v	Schönbruch	Kreis Pr Friedland	Giese —	Legitten	Kreis Osterburg
Boltz —	Adl g Gründen	Kreis Labiau	Giese —	Legitten	Prontitz
Borcke v —	Tollsdorf	Kreis Rastenburg	Cirod —	Luisiana	Kreis Dörkheim
Borris —	Adlig Liegen	Liebmühl	Glasow v —	Illica	Kreis Heilsberg
Bortlau —	St Lorenz	Rauschen	Glasow v —	Lärchenen	Wolfinck
Braack —	Gross Karwanden	Tharau	Goetze —	Kalkstein	Fischhausen
Braemer —	Dorstial	Kreis Pülkallen	Goltz Baron v d —	Kallen	Friedland
Brandes Dr —	Althof	Kreis Osterburg	Goltz Baron v d	Wettersdorf	Wenden
Brandt v —	Pellen	Zinten	Goltz Baron v d	Welsack	Kreis Mohrungen
Brassat —	Skungurren	Kreis Osterburg	Goltz Domhardt Baron	Gross Bestendorf	Domnau
Braun —	Beth adagut	Kreis Angerburg	Gottberg v —	Pr Wilten	Sonnenborn
Braun —	Böcken	Kreis Pr Eylau	Graeve Edler v —	Gross Gotteswalde	Kreis Pr Eylau
Braun Baron v	Wanike m	Paarn	Gramatzki v —	Schrombeihen	Lawken
Brockmann —	Maxheim	Barthenstein	Gramatzki v —	Gross Klingbeck	Ludwigsdorf
Brühn —	Powarben	Trömgau	Gramberg —	Wisse	Reichenbach
Brühn —	Steffenswalde	Döhlau	Groeben v d —	Stegen	Pr Holland
Brücken —	Kon gytann	Allenburg	Groeben v d —	Grober —	Gednicken
Bryère de la —	Kuppelsdorf	Neuhäusen	Grober —	Weske schöten	Kreis Tilsit Ragnit
Bücker —	Gro s Legden	Waldau	Grober —	Bartukesten	Kreis Pr Holland
Buchsteiner —	Grudschdichen	Wöterkeim	Grober —	Reichenbach v	Kreis Fischhausen
Budde —	Linkenau	Zinten	Grober —	Adlig Götzhöfen	Kreis Gerdaun
Buddenbrock Baron v	Do en	Kreis Gumbinnen	Grunwaldt —	Gumnicken	Kreis Tilsit Ragnit
Büttler —	Klein Kannapannen	Kreis Gumbinnen	Gutritz —	Gross Gole	Kreis Fischhausen
Bulow v —	Romansgut	Kreis Gumbinnen	Haasler —	Burkandten	Kreis Tilsit Ragnit
Buhl Baron v	Postehen	Friedland	Hahlweg —	Ober Pletzen	Dobnshofstadt
Burchardt —	A stnehlen	Nemmersdorf	Hammerschmidt —	Krölkeken	Marosenerdt
Burscheit —	Walfre de	Kreis Angerburg	Hanno —	Brandau	Kaplaw
Bursching —	Ganderkehmen	Kreis Gumbinnen	Hanno —	Schudick	Schakuhnen
Buskes —	Kal n ngken	Kreis Tilsit Ragnit	Hassenstein —	Staldeck	Kreis Stallupönen
Buttger —	Kirschchen	Rudau	Hatten v —	Salwarschen	Kreis Fischhausen
Campenhout Baron v	Korlack	Gerdaun	Hauptgestüt —	Trakenen	Kreis Stallupönen
Caspari —	Gross Sch rau	Kreis Wehlau	Hausen Baron v —	Sudnicken	Kreis Fischhausen
Caspari —	Kobbelbude	Kreis Osterpreussen	Heinrich —	Cathinshöfen	Kreis Fischhausen
Claasne —	Rabnau	Kreis Pr Holland	Heinrich —	Lichfelde	Kreis Gumbinnen
Claassen —	Charlottenwalde	Kreis Tilsit Ragnit	He srath —	Jockeln	Kreis Gumbinnen
Claassen —	Notzedorf	Kreis Marienburg	Herrmann —	Königshof	Kreis Marienburg
Contag —	Wenzken	Budken	Heubach —	Klein Gablick	Gross Ladnau
Corsep us —	Gorken	Kreis Pr Eylau	Heumann —	Hennetshof	Liebstadt
Dalheimer —	Kiamtschken	Kreis Osterburg	Hilberberg —	Gross Jugkall	Goldbach
Dams —	Joneten	Kreis Niederung	Hippel —	Postutzen	Kreis Niederung
Dannenberg —	Dogheinen	Kreis Niederung	Hoen g —	Matthildenhof	Roggenhausen
Deutsch v —	Graventhien	Kreis Tilsit Ragnit	Hoen g —	Moritten	Cresburg
Dickhauser —	Kuckeneese	Kreis Niederung	Hoen g —	Böhmshöfen	Bräunberg
Doepner —	Matt schken	Kreis Niederung	Hoen g —	Budupönen	Kreis Tilsit Ragnit
Dohrn —	Klein Skirbit	Kreis Niederung	Hoen g —	Edlig Sudan	Quedau
Dorhoff Count v	Spucken	Kreis Niederung	Hosmann —	Klotanen	Kreis Heilsberg
Dorhoff Count v	Fr edrichstein	Kreis Königsberg	Hosmann —	Löthen	Kreis Mohrungen
Dohna Schlob tten	Kraftshiem	Kreis Pr Holland	Hosmann —	Garbenngen	Kreis Goldbach
Pr ace zu	Schlobitten	Heiligenwalde	Hoth —	Kuggen	Kreis Gerdaun
Dohna Schlobitten	Willkuhen	Kreis Pr Holland	Huth —	Waldkeim	Kreis Gerdaun
Pr ace zu	Schlobitten	Kreis Pr Holland	Huth —	Corallischen	Kreis Gerdaun
Dohna Schlobitten	Schlobitten	Kreis Pr Holland	Huth —	Gerdauen	Kreis Gerdaun
Druckler —	Rudlauken	Kreis Osterburg	Huth —	Absteinkeim	Kreis Gerdaun
Dyck —	Lichtfelde	Kreis Stuhm	Huth —	Elkenhufen	Kreis Gerdaun
Dyck —	Paleschen	Kreis Stuhm	Huth —	Gross Paspern	Kreis Gerdaun
Ebb nghaus —	Amalienhof	Kreis Stallupönen	Huth —	Eichen	Kreis Pr Eylau
Ebbardt —	Konmoworen	Balla	Huth —	Arn berg	Kreis Pr Eylau
Elen v —	Bandels	Albrechtsdorf	Huth —	Drangsten	Kreis Osterburg
Eass —	Wanguck	Prassen	Huth —	Neu Drutschlaun	Kreis Osterburg
Erzberger —	Klein Medunischen	Kreis Osterburg	Huth —	Kantitz Count v	Kreis Osterburg
Erzberger —	Paballen	Kreis Tilsit Ragnit	Huth —	Keslering Count v	Kreis Osterburg
Eulenburg Count zu	Gallingen	Kreis Friedland	Huth —	Klatt —	Kreis Osterburg
Eulenburg Count zu	Prassen	Kreis Rastenburg	Huth —	Klempauer —	Kreis Osterburg
Eulenburg Count zu	Wicken	Schönbuch	Huth —	Klimkowstroem Count v	Kreis Osterburg
Ewald —	Sidenen	Chmelwen	Huth —	Klinge —	Kreis Osterburg
Fabst —	Eisenbohe	Kreis Osterburg	Huth —	Kloß —	Kreis Osterburg
Farenstener —	Balletgitten	Kreis Osterburg	Huth —	Knobloch v —	Kreis Osterburg
Farenstener —	Paulsdorf	Kreis Angerburg	Huth —	Knobloch v —	Kreis Osterburg
Fasbinder —	Oschewingen	Kreis Niederung	Huth —	Knopff Eckertsberg —	Kreis Osterburg
Ferd —	Kuglaken	Taplacken	Huth —	Kobylinski v —	Kreis Osterburg
Feyerabend —	Dornbücken	Palnicken	Huth —	Koestlar —	Kreis Osterburg
Fick —	Reran	Neuenau	Huth —	Kohtz —	Kreis Osterburg
Fink —	Klein Medenau	Kreis Mohrungen	Huth —	Kopp —	Kreis Osterburg
Finkenstern Count v	Jaskendorf	Kreis Mohrungen	Huth —	Korth —	Kreis Osterburg
Fink —	Guthenen	Kreis Mohrungen	Huth —	Krahnner —	Kreis Osterburg
Fink —	Nautrau	Kreis Mohrungen	Huth —	Krakow —	Kreis Osterburg
Fisley —	Gross Schwarauen	Battenstein	Huth —	Krawalski —	Kreis Osterburg
Fischer —	Klein Bertung	Allenstein	Huth —	Krause —	Kreis Osterburg
Fischer —	Loisane	Kreis Osterpreussen	Huth —	Krause —	Kreis Osterburg
Flotwell v —	Schaiden	Kreis Osterpreussen	Huth —	Kroek —	Kreis Osterburg
Forstreuter —	Fischhausen	Kreis Fischhausen	Huth —	Krühner —	Kreis Osterburg
Fortlage —	Worplack	Rössel	Huth —	Kruiger —	Kreis Osterburg
Frankenburg v —	Fuchs	Liebmühl	Huth —	Kuckken —	Kreis Osterburg
Gadick —	Nadrau	Rudau	Huth —	Kuenheim v —	Kreis Osterburg
Gamp Baron v —	Worenen	Kreis Pr Eylau	Huth —	Kuhn —	Kreis Osterburg
Gastell —	Ohndöben	Kreis Angerburg	Huth —	Kuhn —	Kreis Osterburg
Gehrman —	Dorben	Kreis Angerburg	Huth —	Kuhn —	Kreis Osterburg
Gerpk —	Potewangen	Kreis Rastenburg	Huth —	Kuhn —	Kreis Osterburg
Gerlach —	Baumgarth	Kreis Stuhm	Huth —	Kuhn —	Kreis Osterburg
Gerlach —	Wam kar	Bladen	Huth —	Kuhn —	Kreis Osterburg
Gerwin —	Anguitten	Kreis Pr Holland	Huth —	Kuhn —	Kreis Osterburg
Gestüververwaltung	Georgenburg	Kreis Osterburg	Huth —	Kuhn —	Kreis Osterburg

PROMINENT BREEDERS

Lack	Amienhof	Kreis	Angerburg	Rosenow, —	Schmidtkeim	Schlippenbeil
Lehmann —	Adlig Linkau	Kreis	Golducken	Rothe, —	Sannionen	Gumbinnen
Lencke —	Freudenberg	Kreis	Wehlau	Rothingger —	Niemensdorf	Kreis
Lenkung, —	Neulappönen	Kreis	Insternburg	Saint Paul v —	Jacknitz	Zinten
Lenksi v —	Kattenau	Kreis	Stallupönen	Saint Paul v —	Otten	Zinten
Lepehne —	Gross Scharlack	Kreis	Labiau	Sandelsow v —	Norrehnen	Schugsten
Lietz —	Schönwiese	Kreis	Marienborg	Sauken v —	Jedwallen	Kreis
Lippold, —	Grasgraben	Kreis	Darkehmen	Sauken v —	Tarpitschen	Kreis
Löhrner —	Mäken	Kreis	Neundorf	Scharfetter —	Tatzen	Rauschen
			Friedheim	Schedukat	hlycken	Kreis
Lorek —	Popelken		Eichen	Schichau v —	Maszniken	Kreis
Luckenbach, —	Klein Waldeck		Abeschwang	Schichau v —	Pohren	Ludwigsort
Luther, —	Abeschwangken	Kreis	Darkehmen	Schiemann —	Rattektein	Kreis
Mack —	Althof Ragmit	Kreis	Pr Eylau	Schender —	Souli nen	Kreis
Macketanz —	Laxdoyen		Wilkenhof	Schidloff Baron v	Ripkeim	Kreis
Maler, —	Galken		Fischhausen	Schmidke —	Klein Datzem	Kreis
Marienfeld —	Rosenhof	Kreis	Marienborg	Schoen —	Eygarren	Kreis
Markwitz —	Drygallen	Kreis	Johannsburg	Schoenwald	Adlig Rogalwalde	Tarpitschen
Mata —	Guldenhof	Kreis	Gros Arnsdorf	Schneibach	Kreis	Insternburg
Menges v —	Wangritzen		Gallingen	Schrader —	Albschuten	Kreis
Mentz —	Brakupönen	Kreis	Gumbinnen	Schroeder —	Königsdorf	Kreis
Mentz —	Narpkallen		Gumbinnen	Schröter —	Mollenhen	Kreis
Mentz —	Purpesseln	Kreis	Gumbinnen	Schulz —	Adlig Kanten	Schugsten
Mentzel —	Skerpen	Kreis	Mohrungen	Schultz —	Klein Trumpeiten	Kreis
Messel —	Kapitteln		Possau	Schulte —	Gross Scharen	Kreis
Meyboffer —	Sodehnen	Kreis	Gumbinnen	Schumann	Rogehnen	Serapungen
Michael —	Passlöpen		Pillkallen	Schumann —	Tykingehen	Kobbelbude
Moeller, —	Kassuben	Kreis	Stallupönen	Schweiger —	Stadthagen	Kreis
Moeller —	Trimmau		Allenburg	Schwichtenberg —	Adlig Dollstadt	Alt Dollstadt
Moller Holtkamp	Junkerken		Rössel	Regitten	Regitten	Kreis
Mosler —	Plattl	Kreis	Gersauken	Sergado, —	Grosse Weselowen	Kreis
Mückenberger, —	Wackern		Rositten	Serner —	Carmitten	Kreis
Mühlbacher, —	Gross Ooschkunnen	Kreis	Tilsit Ragmit	Sellinat —	Warnen	Kreis
Müller —	Mörlen		Osterode	Siebert —	Corben	Kreis
Muellerbuchhof	Buchhof	Kreis	Insternburg	Siegried v —	Carben	Kreis
Musdorp —	Peterschinnen	Kreis	Insternburg	Siegried v —	Burkeim	Kreis
Negenborn v —	Loyden		Barthenstein	Skimbraks —	Schillgallen Hausen	Kreis
Nesslinger —	Adlig Dommelkeim		Droghnehen	Sokat —	Ragupönen	Kreis
Nesslinger —	Georgenburg	Kreis	Insternburg	Sosat —	Stawnsken	Kreis
Neubacher, —	Pillwogden	Kreis	Insternburg	Spaeth v —	Mycken	Kreis
Ninnck —	Charlottenhof		Liebswühl	Lyndreitern	Lyndreitern	Kreis
Nork —	Eggeningenken	Kreis	Pillkallen	Steege v —	Gross Stiegen	Kreis
Ortmann, —	Luisenwalde	Kreis	Stuhm	Stern —	Nickelshof	Altentfeld
Ortmann —	Steinberg	Kreis	Rosenberg	Stobbe —	Grünwiese	Kreis
Oschkinat, —	Gross Trakischken	Kreis	Goldap	Stoerner —	Schönentz	Kreis
Overskamp, —	Trömpau	Kreis	Königsberg	Stoerner —	Schlagau	Kreis
Pader, —	Raudohnen	Kreis	Darkehmen	Supper —	Blödnungen	Kreis
Paulat, —	Adlig Lehmbruch	Kreis	Niederung	Struck —	Wilkowen	Kreis
Paulat —	Drauswalde	Kreis	Pillkallen	Sturms —	Ackemnschken	Kreis
Paulat —	Insternburg	Kreis	Insternburg	Stutterbrim, v —	Gross Waldeck	Kreis
Paulat —	Neu Butkischken	Kreis	Neu Butkischken	Sudau —	Cross Albrechtshof	Kreis
Pauly —	Prantlack	Kreis	Schlippenbeil	Symanski	Kischdrien	Kreis
Pelikan, —	Adlig-Liebeckken		Sanguntien	Taubner —	Gross Labehen	Zinten
Pempe —	Abichrey	Kreis	Niederung	Thierbach —	Adlig Cross Kirbat	Kreis
Penner, —	Marienhof		Guldenboden	Thierbach —	Ziegeflberg	Kreis
Perbrandt v —	Lachenhof		Luben	Thimm —	Gross Lwenchken	Kreis
Perray —	Klein Schorrellen	Kreis	Pillkallen	Tiedemann —	Dwaritschken	Kreis
Pflaumbaum —	Scheppenken		Prömitzen	Thomassus —	Jürgenau	Kreis
Platen, v —	Adlig Tenken		Brandenburg	Trautmann —	Gerdahnsvalke	Kreis
Plock —	Scherben	Kreis	Gerdauen	Umer —	Quanditten	Kreis
Purr —	Königsberg	Kreis	Ohrenstuen	Umer —	Quanditten	Kreis
Pretz —	Klein Hailwischken	Kreis	Darkehmen	Wagener —	Stargutshof	Kreis
Pretwitz —	Mythenhof	Kreis	Insterturg	Wagener —	Stargutshof	Kreis
Priess —	Gumbinnen		Liska Schaaken	Weiss v —	Großau	Kreis
Quadt Baron v —	Adamsbride		Cross Harpawen	Wendt —	Gross Fluhrade	Kreis
Quasnowsky	Inruhnen	Kreis	Stallupönen	Wemmholt —	Cross Fluhrade	Kreis
Rahten —	Eygarten	Kreis	Tilsit Ragmit	Wetzkab, —	Intertribke	Kreis
Rassumussen Bonne	Ober-Hankenau		Uderwangen	Wylbe v —	Fremschen	Kreis
Reichel —	Ober Alkenhen		Golschmude	Wiele —	Fremswalde	Kreis

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Herd Book Associations in East and West Prussia of Breeders of Friesian Cattle (contd.)

PROMINENT BREEDERS

Bolschweg v	Schönbruch	Kreis Pr Friedland	Giese —	Leglitten	Kreis Insterburg
Boitz —	Adlig Gründen	Labiau	Giese —	Legitten	Preoniten
Börcke v —	Tollsdorf	Kreis Rastenburg	Girou —	Luisanna	Kreis Darchen
Bours —	Adlig Liegen	Liebmühl	Clasow, v —	Balka	Kreis Heidenbe 1
Borittau —	St Lorenz	Rauschen	Clasow v —	Parthenen	Wolltitz
Brack —	Gross Karwanden	Tharau	Goetze —	Kalkstein	Fischhausen
Braemer —	Dornstal	Kreis Palkallen	Goltz Baron v d —	Kallen	Fischhausen
Braudes Dr —	Althof	Kreis Insterburg	Goltz Baron v d —	Mertensdorf	Friedland
Brandt v —	Pellen	Zinten	Goltz Baron v d	Weslack	Wenden
Brass —	Schrenk ring	Kreis Insterburg	Goltz Donhardt Baron	Gross Bestendorf	Kreis Mohrungen
Braun —	Bethsdagut	Kreis Angerburg	v d		
Braun —	Bönken	Kreis Eykau	Gotberg v —	Pr Wilten	Dornau
Braun Baron v	Wamke m	Paaris	Graeve Edler v —	Gross Gottswalde	Sonnenborn
Brockmann —	Maxheim	Bartenstein	Gramatzki v —	Schrambeinen	Kreis Pr Eylau
Brühn —	Powarben	Tröngau	Gramberg —	Lawken	Rhein
Brühn —	Steffenswalde	Doblan	Groeben v d —	Gross Klingbeck	Ludwigsdorf
Brunk —	Kongstann	Neubausen	Groebn v d —	Wesle	Reichenbach
Bruyère de la —	Knoppelsdorf	Waldau	Grose —	Steezen	Pr Holland
Buebler —	Gro s Legden	Waldau	Grober —	Bohnau	Goldnick
Buchsteiner	Grudshofchen	Kreis Mohrungen	Gruber —	Weste ahöfen	Schaakswitt
Builde —	Lankenau	Kreis Mohrungen	Grubert —	Bartuckten	Kreis Tilsit Ragnit
Buddenbrock Baron v	Dosn	Kreis Katsnapinnen	Grunwaldt —	Reichenbach v	Kreis Pr Holland
Bueffler —	Klein Katsnapinnen	Romansgut	Gubba —	Adlig Götzhöfen	Venel
Bulow, v —			Guisverwaltung	Pauckenken	Kreis Fischhausen
			Gutreiz —	Gross Gne	Kreis Gerdaun
Buhl Baron v	Postheimen	Friedland	Haasler —	Burkanden	Kreis Tilsit Ragnit
Burchardt —	Aust nehen	Nemmersdorf	Hahweg —	Ober Plehnen	Donhofstätt
Bursching —	Walfrede	Kreis Angerburg	Hammerschmidt —	Krötkern	Donhofstätt
Busk —	Ganderkehen	Kreis Gumbinnen	Hanno —	Sch Jock	Manerwender
Butgereit —	Kalla ngen	Kreis Tilsit Ragnit	Hardt —	Stalschen	Kraplau
Campanhausen Baron v	Karschehenen	Rudau	Hassenstein —	Salwarschienen	Schakuhnen
Caspari —	Korlack	Gerdaun	Hatten v —	Trakehnen	Petershagen
Caspari —	Gross Schirrau	Kreis Wehlau	Hauptfestüt —	Sudnicken	Kreis Stalupönen
Chomse —	Kobbelbude	Kreis Ostpreussen	Hausen Baron v —	Cathrinhofen	Gross Lindeman
Claassen —	Rahnau	Kreis Pr Holland	Heinrich —	Lichtfelde	Powayen
Claassen —	Charlottenwalde	Kreis Marnenburg	Heurath —	Jockeln	Kreis Gumbinnen
Contag —	Notzendorf	Kreis Budden	Herrmann —	Königsberg	Kreis Marnenburg
Corsep us —	Wenzken	Kreis Pr Eylau	Heubach —	Kapkeim	Gross Lindeman
Dalheimer —	Görken	Kreis Insterburg	Heumann —	Klein Gablick	Waldmanen
Dams —	Kaun schken	Kreis Niederung	Hillenberg —	Heurlettenhof	Lebstadt
Dannenberg —	Joneten	Neusendorf v —	Hipp —	Gross Kugallig	Goldbach
Deutsch v —	Döghenen	Postmahlen	Högliger —	Pustutten	Kreis Niederung
Dickhauser v —	Graventhien	Kreis Tilsit Ragnit	Hoenig —	Math Idenhof	Roggenhausen
Diesner —	Kuckernese	Kreis Niederung	Hoepfer —	Moritten	Heunshagen
Dohm ng —	Mattschken	Kreis A edenburg	Höher —	Budupönen	Kreis Tilsit Ragnit
Dohmann —	Klein Scharst	Kreis Königsberg	Homp —	Adlig Sudan	Quedau
Dönhoff Count v	Spucken	Kreis Bartenstein	Hosmann —	Klotanen	Kreis Heilberg
Dönhoff Count v	Fr edrichstein	Kreis Pr Holland	Hostmann —	Löhen	Kreis Mohrungen
Dohna Schlobitten	Schlob tten		Hoß —	Garbenungken	Kreis Goldbach
Pr nee zu	Willkühnen	Heiligenwalde	Hoth —	Küggen	Kreis A edenburg
Dohna Schlobitten			Hulksem Baron v	Walden	Postmahlen
Dohna Schlobitten	Schlob en	Kreis Pr Holland	Hundsdoerfer —	Comallischen	Kreis Gerdaun
Druckler —	Rudlaeken	Kreis Insterburg	Janow v —	Gerdaun	Kreis Quedau
Dyck —	Luchfelde	Kreis Stuhm	Japha —	Abelaken	Tarpstchen
Dyck —	Paltschken	Kreis Stuhm	Jaraczewski v —	Elknehen	Trakehnen
Ebb ngbau —	Amalienhof	Kreis Stallupönen	Kaewurn —	Gross Puspren	Kreis Pr Llan
Ebbardt —	Ammonowen	Balla	Kalkstein v —	I chen	Crenzburg
Elera v —	Bandels	Albrechtsdorf	Kalkstein v —	Armsberg	Foschleben
Ense —	Wangrück	Prassen	Kalkstein v —	Dransittien	Kreis Insterburg
Erzberger —	Klein Medunischen	Kreis Puckheimen	Kallweit —	Neu Derschlauchen	Tungen
Erzberger —	Paballen	Kreis Tilsit Ragnit	Kantz Count v	Condehen	Powayen
Eulenburg Count zu	Gal ingen	Kreis Friedland	Keyserlingk Count v	Popehen	Eichen
Eulenburg Count zu	Prassen	Kreis Rastenburg	Klatt —	Prohen	Kreis Mohrungen
Eulenburg Count zu	Wickern	Schoonbruch	Klempauer —	Heiligenstein	Wladacken
Ewald —	Chmielewen	Kreis Oletsko	Klinkowstrem Count v	Lundberg	Kreis Insterburg
Falser —	Elisenhöbe	Kreis A s Darchen	Klug —	Bawien	Kreis Gerdaun
Farrtensteiner —	Balletgitten	Kreis Angerburg	Knobloch v —	Adl g Barwalde	Goldbach
Farrtensteiner —	Paulsdorf	Kreis Niederung	Knobloch v —	Friedrichsdorf	Kreis Goldap
Fasbender —	Oschewenngken	Kreis Niederung	Knooff Eckertsberg —	Gross Komanten	Kreis Warmditt
Ferno —	Kuglaeken	Kreis Taplacken	Kobyleski v —	Kopp	Kreis Gerdaun
Feyerabend —	Dorlacken	Kreis Palanickken	Koerpen —	Abelschken	Kreis Marnenburg
Fick —	R nau	Neusendorf	Koestlar —	Stalle	Kreis A edenburg
Finck —	Klein Medenau	Kreis Medenau	Kopp —	Ginthen	Kreis Niederung
Finckenstein Count v	Jacksdorf	Kreis Mohrungen	Korth —	Adlig Althof Scharst	Kreis Oletsko
Fink —	Gumbinnen	Kreis Liska Schaaken	Krammer —	Margrabowa	Kreis Grunhagen
Fuk —	Nautrau	Kreis Grunhof	Krakow —	Draultien	Wotkenum
Farley —	Gross Schwarauen	Kreis Bartenstein	Krawlewski —	Rickgarben	Kreis Oletsko
Fischer v —	Kie n Burtung	Kreis Ostpreussen	Krause —	Oschowen	Kreis Rudawngen
Flotwell v —	Lautense	Kreis Stuhm	Krause —	Paul nemhof	Wuslack
Forstreuter —	Schaud enen	Kreis Mchlaeken	Kroek —	Schulen	Kreis Ostpreussen
Fortlage —	Fischhausen	Kreis Fischhausen	Kroehert —	Transschien	Kreis A edenburg
Frankenburg v —	Worplack	Kreis Rüssel	Krugner —	Wilhelmsberg	Kreis Angerburg
Fuchs —	Biedau	Kreis Liebmühl	Kuntze —	Kapstucken	Labiau
Gädke —	Nadrau	Kreis Pr Eylau	Kunehm v —	Judt tten	Schönbruch
Gamp Baron v —	Worrenen	Kreis Pr Eylau	Kunehm m v —	Spanden	Wusen
Gastell —	Olshöwen	Kreis Angerburg	Kuhn —	Laptau	Rudau
Gehrmann —	Dörben	Kreis Powunden	Kuhn —	Adl g Neusendorf	Kreis Königsberg
Gerogk —	Posewangen	Kreis Rastenburg	Kuntze —	Austupönen	Kreis Gumb nnen
Gerlach —	Baumgarth	Kreis Stuhm	Labesaus —	Adl g Klein Dombrowken	Kreis Angerburg
Gerlach —	Wau kam	Kreis Bladau	Landw rtschaffliche	Pr Holland	Kreis Pr Holland
Gerwen —	Angutten	Kreis Pr Holland	Schule		
Gesellverwaltung	Georgenburg	Kreis Insterburg	Langel —	Herzongstal	Kreis Goldap

Herd Book Associations in East and West Prussia of Breeders of Friesian Cattle (contd.)

PROMINENT BREEDERS

Lask, —	Amlenhof	Kreis Angerburg	Rosenow, —	Schmirdkeum	Schuppenbeil
Lehmann —	Adlig-Linkau	Godtschen	Rothe, —	Samonien	Tollmangelken
Lenz, —	Freudenberg	Kreis Wehlau	Rothenger, —	Nammersdorf	Kreis Gumbinnen
Lenzke, —	Neulappoben	Kreis Osterburg	Saint Paul, v —	Jackwitz	Zinten
Leski, v —	Kattenau	Kreis Stallupönen	Saint Paul v —	Otten	Zinten
Lepeche —	Gross Scharlack	Kreis Marienburg	Sandelowsky, —	Norgehen	Schugsten
Lietz —	Schönwiese	Kreis Darkehmen	Sass —	Jedwillaten	Kreis Niederung
Lippold, —	Grasgruen	Kreis Neudorf	Saucken, v —	Tarpatschen	Kreis Darkehmen
Lorchner, —	Maken	Kreis Friedland	Schmer, v —	Tärlen	Tarpatschen
			Scharfetter, —	Klyden	Rauschen
			Scheduklat	Matziken	Kreis Piltkalen
			Schichau v —	Pohren	Ludwigsort
			Schiemann —	Kattekeim	Kreis Rastenburg
			Schlienther —	Mouh nen	Kraupischen
			Schmidtke, Baron v	Rykezen	Wahlau
			Schmidtke, —	Klein Datzien	Kreis Gumbinnen
			Schoen —	Ejzarten	Kreis Tilsit Raguit
			Schoenwald	Adlig Rogalwalde	Tarpatschen
			Schottke	Reichenbach	Kreis Pr. Holland
			Schrader —	Abschruten	Kreis Osterburg
			Schumacher —	Königsdorf	Kreis Marienburg
			Schröter, —	Mollenhen	Rudau
			Schulz, —	Adlig Kanten	Schugsten
			Schultz —	Klein Trumpsten	Kaukhmen
			Schulze —	Gross Sehen	Kreis Rosenberg
			Schumann —	Rogehen	Seetapen
			Schumann —	Styngnen	Koblenzende
			Schweizer —	Stadthausen	Kreis Wehlau
			Schwachtenberg —	Adlig Dollstadt	Alt Dollstadt
			Schwill —	Regitten	Kreis Königsberg
			Secadlo —	Gross Wasslowen	Kreis Angerburg
			Selmat —	Carmiten	Kreis Tilsit Raguit
			Siebert —	Corben	Rudau
			Siegnied v —	Carben	Heiligenbeil
			Siegnied v —	Kalken	Harten
			Skabraks —	Schillalien hauschen	Kreis Tilsit Raguit
			Solkat —	Kapupönen	Kreis Piltkalen
			Soat —	Stawiken	Kreis Angerburg
			Spaeth v —	Meyken	Proniten
			Spyrenhl —	Lyszenten	Kreis Niederung
			Stegen v —	Gross Stegen	Lichtenfeld
			Stern —	Nickelsdorf	Altenau
			Stobbe —	Grünwiese	Ludwigsort
			Stoerner —	Schönrohe	Kreis Niederung
			Stoerner —	Schlablau	Kreis Marienburg
			Suppel —	Bündgen	Kreis Mähren
			Suttkamp —	Wilkeben	Kreis Angerburg
			Sturms —	Ackmischken	Kreis Niederung
			Stutterbrim, v	Gross Waldeck	Domman
			Sudau —	Gross Albrechtshof	Kreis Darkehmen
			Szymanski —	Kalken	Friedland
			Tarowen —	Gintze	Zinten
			Thierbach —	Adlig Gross Skirbat	Kreis Niederung
			Thierbach —	Ziegenberg	Kreis Niederung
			Thimm —	Gross Lonschen	Kreis Gerdauen
			Thiedemann —	Drauschken	Kreis Niederung
			Thomann —	Löderau	Kreis Osterburg
			Trautmann —	Gerhardswalde	Kreis Niederung
			Umer —	Quanditten	Drauschken
			Valentin —	Henselshof	Pr. Lybau
			Wagner —	Staptschen	Kreis Osterburg
			Wassau —	Wassau	Saale
			Wass v —	Gross Hagen	A. unger
			Wendit —	Gross Hagen	Heiligenwalde
			Wenmohs —	Fulbern	Cuttsfeld
			Wesigall —	Interwalde	Kreis Tilsit Raguit
			Wewers —	Wewers	Gutshofmunde
			Wiele —	Wewerswalde	Kreis St. m.
			Wiegens —	Wewerswalde	Thierberg
			Wietje —	Kietzenberg	Kreis Marienburg
			Winke —	Adlig Hagen	Kreis Tilsit Raguit
			Witt —	Alteide	Kreis Marienburg
			Wittmer —	Brumshaken	Kreis Marienburg
			Wundelich —	Adlig Mieschen	Kreis Marienburg
			Wust —	Laußchen	Kreis Marienburg
			Zebe —	Nottenhof	Kreis Marienburg
			Zerath —	Drauschken	Kreis Marienburg
			Zerath —	Hert Tarten	Kreis Marienburg
			Zerath —	Serpent	Kreis Marienburg
			Zimmermann, —	Neu Pommern	Kreis Marienburg
			Zimmermann v —	Wewers	Kreis Marienburg

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Herd Book Associations in East and West Prussia of Breeders of Friesian Cattle (contd.)

PROMINENT BREEDERS

Bolschug v	Schönbruch	Kreis Pr Friedland	Giese —	Legitten	Kreis Insterburg
Boltz —	Adl g Gründen	Labiau	Giese —	Legitten	Prion tten
Börke v —	Tollsdorf	Kreis Rastenburg	Giroud —	Laisianna	Kreis Drückmann
Bor as —	Adl g Liegen	Liebfeld	Clasow v —	Balza	Kreis Heiderberg
Borittau —	St Lorenz	Rauschen	Clasow v —	Parbunnen	Wollintien
Bract —	Gross Karw inden	Tharau	Goetze —	hakstein	Fischhausen
Braemer —	Dornstal	Kreis Piltkalen	Goltz Baron v d —	hallen	Fischhausen
Brandes Dr —	Althof	Kreis Insterburg	Goltz Baron v d —	Mertensdorf	Fr edland
Brandt v —	Pellen	Zinten	Goltz Baron v d —	Wellaick	Wenden
Brassat —	Schren Krieg	Kreis Insterburg	Goltz Donhardt Baron	Gross Bestendorf	Kreis Mohrungen
Braun —	Bethesdaugut	Kreis s Angerburg	Gottberg v d	Pr Witten	Domtau
Braun —	Bonkeim	Kreis s Eylau	Graeve Adler v —	Gross Gotteswalde	Sonnenborn
Braun Baron v	Warmke m	Paaris	Gramatzki v —	Schrombeinen	Kreis Pr Eylau
Brockmann —	Maxheim	Bartenstein	Gramberg —	Gro s k Lungbeck	Rhem
Brubn —	Powarben	Trömgau	Groeben v d —	Wesse	Ludwigort
Bruckn —	Steffenswalde	Döhlau	Groeben v d —	Steezen	Reichenbach
Bruyère de la —	Kon gittau	Altenburg	Groner —	Bohnau	Pr Holland
Buchler —	Knopelsdorf	Neuhausen	Gruber —	Wesse shöfen	Goldnick
Buchsteiner —	Gro s Legden	Walda	Gruber —	Wesse shöfen	Schaakslitt
Budde —	Grudshofchen	Wöterkaun	Crubert —	Bartuketen	Kreis Tilsit Ramut
Budde —	Luckenau	Kreis Mohrungen	Crubert —	Reichenbach v	Kreis Pr Holland
Buddendrock Baron v	Döden	Kreis Gumbinnen	Gubba —	Adlig Götthöfen	Vemel
Buettler —	Klein Kannapuppen	Gross Hoppen	Gutsverwaltung	Paumucken	Kreis Fischhausen
Bulow, v —	Romansgut	bruch	Gottreit —	Gross Gnie	Kreis Gerdaunen
Buhl Baron v	Postehen	Friedland	Haasler —	Burkandten	Kreis Tilsit Ramut
Burchardt —	Austlinchen	Nemmersdorf	Hahlweg —	Ober Plehnen	Donhoistadt
Bursche t —	Walfrede	Kreis Angerburg	Hammerschmidt —	Krötkheim	Donhoistadt
Bus hing —	Ganderkehnen	Kreis Gumbinnen	Hanno —	Brandau	Varnenwender
Busk es —	Kal n ngken	Kreis Tils t Ragnit	Hardt —	Schlichte	Kraplau
Buttgereit —	Kirschnehen	Rudau	Hassenstein —	Schicksen	Schakuhnen
Campehausen Baron v	Korlack	Gerdaun	Hatten v —	Salwarshienen	Petersbagen
Caspari —	Gross Schirrau	Kreis Weblau	Hauptfestlöt —	Trakenhen	Kreis Stadupönen
Caspari —	Kobbelbude	Ostpreussen	Hausen Baron v —	Sundnickn	Liska Schaaken
Chomse —	Rahnuu	Kreis Pr Holland	Heinrich —	Carthinhöfen	Powayen
Claassen —	Charlottenwalde	Kreis Marienburg	Heis —	Joekeln	Kreis Gumbinnen
Claassen —	Notzenord	Kreis Budden	Heisraath —	Kön gabot	Kreis Marienburg
Contag —	Wenzken	Kreis Pr Eylau	Herrmann —	Kapkeim	Gross Lundenau
Corsep us —	Gorken	Kreis Insterburg	Herrmann —	Klein Gablück	Lebstadt
Dalbe mer —	Kun schken	Kreis Niederung	Hiltenberg —	Henriettenhof	Goldbach
Dams —	Jongeten	Neuedorf v —	Hilpert —	Gross kuglitz	Kreis Niederung
Dannenber g —	Döhlnehen	Postmahlen	Hoelger —	Pustutten	Roggenhausen
Deutsch v —	Graventh n	Kaukehnen	Hoernig —	Matthildenhof	Ceruburg
Dickhauser —	Kuckernese	Kreis Tilsit Ragnit	Hoernig —	Morlitten	Hraunsberg
Doepner —	Mattschken	Kreis Niederung	Hoepfner —	Budupönen	Kreis Tils t Ragnit
Dabr ng —	Klein Skirbat	Kreis Niederung	Hölder —	Adlig Sudan	Quednau
Dommasch —	Spucken	Kreis Kön gsbarg	Hoop —	Klotanen	Kreis Heilsberg
Donhoff Count v	Friedrichste n	Kreis Bartenstein	Hosmann —	Löhen	Kreis Mohrungen
Donhoff Count v	Kraftschagen	Kreis Pr Holland	Hosmann —	Carheningen	Kreis Niederung
Dohna Schlobitten	Schlobitten	He ligenwalde	Hoth —	Koggen	Postmahlen
Dohna Schlobitten	Willkühnen	Kreis s Pr Holland	Hülsem Baron v	Hundsdörfer	Kreis Gerdaunen
Dohna Schlobitten	Schlob en	Kreis Insterburg	Janson v —	Abnaken	Kreis Gerdaunen
Drecksler —	Rodlaken	Kreis Stuhm	Japfa —	Elknehlen	Quednau
Dyck —	Lichtelde	Kreis Stuhm	Jaraczewski v —	Gross Pusspen	Tarpschen
Dyck —	Paleschke	Kreis Stallupönen	Kaewurm —	Eichen	Trakenhen
Ebbinghaus —	Amalienhof	Balla	Kalkstein v —	Arnberg	Kreis Pr Eylau
Ebbardt —	Ammerowen	Albrechtsdorf	Kalkstein v —	Drangitten	Ceruburg
Eern v —	Bandels	Prassen	Kallweit —	Nou Deutschlaken	Kreis Insterburg
Ense —	Wangrück	Kreis Döhlnehen	Kantitz Count v	Podagen	Tungen
Erzberger —	Klein Medunshcken	Kreis Tilsit Ragnit	Keyserlingk Count v	Condehnen	Powayen
Erzberger —	Paballen	Kreis Friedland	Klatt —	Pophnen	Eichen
Eulenburg Count zu	Gall ngen	Kreis Rastenburg	Kleinpauer —	Prohen	Kreis Mohrungen
Eulenburg Count zu	Prassen	Schönbruch	Klinkowstroem Count v	Heilgenstein	Wandlaken
Eulenburg Count zu	Wäken	Chmelenewen	Kluge —	Linsenberg	Kreis Insterburg
Ewald —	Schneewen	Kreis s Oletzko	Knielast —	Bawen	Kreis Gerdaunen
Falser —	Elsenhöbe	Kreis s Darkehnen	Knochloch v —	Adlig Barwalde	Goldbach
Farrstetter —	Balletgurren	Kreis Angerburg	Knochloch v —	Friedrichsburg	Goldbach
Farrstetter —	Paulsdorf	Kreis Niederung	Knopff Eckertsberg —	Gross Kominiten	Kreis Goldap
Fascher —	Oschwenningen	Kreis Taplacken	Knobyl nak v —	König	Wernsditt
Ferno —	Kuglaken	Palkanicken	Kopp —	Abelschiken	Kreis Gerdaunen
Feyerabend —	Dorluken	Neuendorf	Kopp —	Stalle	Kreis Neuendorf
Fick —	R nau	Medenau	Korh —	Gintheiden	Kreis s Niederung
Fink —	Klein Medenau	Kreis Mohrungen	Kopp —	Adlig Althof Skirbat	Kreis Oletzko
Finkenstein Count v	Jaskendorf	Liska Schaaken	Kraemer —	Margzabowa	Kreis Grünbagen
Fink —	Guthnehen	Grunhof	Krakow —	Drallitten	Kreis Wöterkaun
Fink —	Nautau	Bartenstein	Krawlewski —	Ruckgarben	Kreis Oletzko
Firley —	Gross Schwarauen	Allenstein	Krause —	Olschöwen	Rodwangen
Fischer —	Klein Hertung	Ostpreussen	Krause —	Faulnienhof	Wyslack
Fischer v —	Lotza ne	Kreis Stuhm	Kroek —	Schulen	Kreis Ostpreussen
Flotwell v —	Lautense	Kreis Fischhausen	Kroebert —	Salzbach	Kreis Angerburg
Forsttreuter —	Schaud enen	Rossl	Krugner —	Transschiken	Kreis Labiau
Fortlage —	Pr schausen	Werplick	Kuntze —	Wilsenberg	Kreis Schenbruch
Frankenburg v —	Buchau	Liebensuhl	Kunheim v —	Kapstucken	Wenden
Gadeke —	Nadrau	Rudau	Kunheim v —	Juch tten	Wenden
Gamp Baron v —	Worenien	Kreis Pr Eylau	Kunheim v —	Spanden	Kreis Angerburg
Gastell —	Olshöwen	Kreis s Angerburg	Kuhn —	Laptau	Kreis Angerburg
Gehrmann —	Derben	Kreis Angerburg	Kuhn —	Adlig s Neuendorf	Kreis Gumb nenen
Gerigk —	Posewangen	Kreis Rastenburg	Kuntze —	Austupönen	Kreis Angerburg
Gerlach —	Baumgarten	Kreis Stuhm	Labelius —	Adl g Klein Dombröcken	Kreis Pr Holland
Gerlach —	Wam kam	Bladau	Landwirtschaftliche	Pr Holland	Kreis Goldap
Gerlach —	Anguttien	Kreis Insterburg	Schule	Herrongstal	Kreis Goldap
Geslöverwaltung	Georgenberg	Kreis Insterburg	Langel —		

PROMINENT BREEDERS

Lack	Amienhof	Kreis	Angerburg	Rosnow	Schmidtkeim	Schlittenbeil
Lehmann	Adlig-Linow	Kreis	Goodnick	Rothe	Salmunen	Schlönkeben
Lemcke	Freudenberg	Kreis	Wehlau	Rothgenger	Nennersdorf	Kreis Gumbinnen
Leumik	Neulappönen	Kreis	Insteburg	Saint Paul v	Jäcknitz	Zinten
Leski v	hattenau	Kreis	Stallupönen	Saint Paul v	Otten	Zinten
Lepehne	Gross Scharlack	Kreis	Labiau	Sandelowsky	Noreghen	Schugsten
Lietz	Schönwiese	Kreis	Marienburg	Sass	Jedwillanten	Kreis Niederung
Lippold	Grassowen	Kreis	Darkheim	Sauken v	Paruschchen	Kreis Darkheim
Lörchner	Wäken	Kreis	Neumdorf	Sauken v	Tataren	Kreis Paruschchen
			Friedheim	Scharfetter	Klycken	Rauschen
Lorek	Popelken		Eichen	Schdukat	Maszuken	Kreis Palkallen
Luckenbach	Klein Waldeck		Abeschwangen	Schrauch v	Pöhren	Ludwigsort
Luther	Ascherumkingen	Kreis	Darkheim	Schumann	Klosterim	Kreis Rastenburg
Luck	Althof Ragait	Kreis	Pr Eylau	Schlenther	Mouli nen	Kreis Rastenburg
Macketanz	Laxdoyen		Wilckendorf	Schidtfeld Baron v	Rupkeim	Kreis Rastenburg
Maler	Gaffken		Fischhausen	Schmidke	Klein Datzen	Kreis Gumbinnen
Marienfeld	Rosenort	Kreis	Marienburg	Schoen	Eygaren	Kreis Tilsit Ragait
Markwitz	Dreygallen	Kreis	Johannsburg	Schoenwald	Adi g Rogalwalde	Kreis Tilsit Ragait
Mate	Häusenhof	Kreis	Gross Arnsdorf	Reichenbach	Reichenbach	Kreis Tilsit Ragait
Menges v	Wangruten		Galligen	Schrader	Abstruten	Kreis Holland
Mentz	Brakupönen	Kreis	Gumbinnen	Schroeder	Königsdorf	Kreis Marienburg
Mentz	Narpagallen		Gumbinnen	Schröter	Nollenehen	Kreis Marienburg
Mentz	Purpesseln	Kreis	Gumbinnen	Schulz	Adlig Kanten	Kreis Marienburg
Mentzel	Skerpen	Kreis	Mohrunen	Schultz	Klein Trumpeten	Kreis Marienburg
Messl n	Kapitten		Dornau	Gross Schreie	Rosenberg	Kreis Marienburg
Meyerhoeffer	Sodtchen	Kreis	Gumbinnen	Schumann	Regehen	Kreis Marienburg
Michael	Pastöpen		Palkallen	Schumann	Knobelbude	Kreis Marienburg
Moeller	Kassuben	Kreis	Stallupönen	Schweiger	Stadthausen	Kreis Marienburg
Moeller	Trimmau		Altenburg	Schwichtenberg	Adi g Dollstadt	Kreis Marienburg
Möller Holtkamp	Junkernken		Rosell	Schwell	Reggen	Kreis Marienburg
Motzka	Plattl	Kreis	Gersauken	Segadio	Grosse Wessolowen	Kreis Marienburg
Mückenberger	Wackern		Rositten	Schmer	Carmitten	Kreis Marienburg
Mühlbacher	Gross Ochskinnen	Kreis	Tilsit Ragait	Sellnat	Warnen	Kreis Tilsit Ragait
Müller	Mörlen		Ostende	Siebert	Corben	Kreis Tilsit Ragait
Muellerbuchhof	Buchhof	Kreis	Insteburg	Siegnied v	Carben	Kreis Tilsit Ragait
Nauders	Peterkehmen	Kreis	Insteburg	Siegnied v	Küllheim	Kreis Tilsit Ragait
Negenborn v	Löwen	Kreis	Bartenstein	Skwabräks	Schillalien hausel en	Kreis Tilsit Ragait
Nesl nger	Adlig Dommelkeim		Druhghen	Sokat	Ragupönen	Kreis Tilsit Ragait
Nesslunger	Georgenburg	Kreis	Insteburg	Sosat	Stawiken	Kreis Tilsit Ragait
Neubacher	Pillwogallen	Kreis	Insteburg	Sparrh v	Mejken	Kreis Tilsit Ragait
Nick	Charlottenhof		Liebenstahl	Stern	Niedern	Kreis Tilsit Ragait
Ninnck	Eggenreken	Kreis	Palkallen	Stiergen v	Gross Stiergen	Kreis Tilsit Ragait
Norbert	Lusenwalde	Kreis	Stuhm	Stern	Nickersdorf	Kreis Tilsit Ragait
Ortmann	Steinberg	Kreis	Rosenberg	Stobbe	Grünwiese	Kreis Tilsit Ragait
Oschkunat	Gross Trakischken	Kreis	Goldap	Stormer	Schönbrü	Kreis Tilsit Ragait
Overkamp	Töpenau	Kreis	Gumbinnen	Stormer	Schlabau	Kreis Tilsit Ragait
I adoff	Raulöhen	Kreis	Darkheim	Suppel	Blönden	Kreis Tilsit Ragait
Paulat	Adlig Lehmbruch	Kreis	Niederung	Struck	Wilkenen	Kreis Tilsit Ragait
Paulat	Drozwalke	Kreis	Palkallen	Sturmes	Acken schken	Kreis Tilsit Ragait
Paulat	Insteburg	Kreis	Insteburg	Stutterheim v	Cross Waldeck	Kreis Tilsit Ragait
Paulat	Nen Buittischken	Kreis	Niederung	Schulz	Cross Albrechtshof	Kreis Tilsit Ragait
Pauls	Prantack		Schlippenbeil	Symonika	Klycken	Kreis Tilsit Ragait
Pei Kahn	Adlig-Liebnicken		Sangmitten	Taeubner	Cross Labehnen	Kreis Tilsit Ragait
Pempe	Abschrey	Kreis	Niederung	Thierba	Adlig Cross Kirbit	Kreis Tilsit Ragait
Penner	Marienhof		Kuckeboden	Thierbach	Zegriburg	Kreis Tilsit Ragait
Perbrandt v	Lagendoren		Lichen	Tiedemann	Cross Lentschken	Kreis Tilsit Ragait
Perner	Klein Schortellen	Kreis	Palkallen	Tiedemann	Froegauhtken	Kreis Tilsit Ragait
Plumbaum v	Schlegelcken		Prontiten	Thomasau	Prögenau	Kreis Tilsit Ragait
Platen v	Adl g Tengen		Brandenburg	Trautmann	Crosswaldke	Kreis Tilsit Ragait
Plock	Scharben	Kreis	erdau	Umer	Quandt n	Kreis Tilsit Ragait
Pörr	Königsberg	Kreis	Outpreussen	Umer	Prögenau	Kreis Tilsit Ragait
Predwitz	Klein Kallischkarn	Kreis	Darkheim	Wagner	Stargischen	Kreis Tilsit Ragait
Predwitz	Mertenhof	Kreis	Insteburg	Wes	Nottau	Kreis Tilsit Ragait
Priess	Cunthoren		Lika Schaken	Weiss v	Cross Hauen	Kreis Tilsit Ragait
Quadt Baron v	Adamah v	Kreis	Cross Karpowen	Wendt	Cross Karpowen	Kreis Tilsit Ragait
Quasnowsky	Friedrichen	Kreis	Stallupönen	Wenckebach	Cross Karpowen	Kreis Tilsit Ragait
Rach	Fogarten	Kreis	Tilsit Ragait	Wesptal	Insteburg	Kreis Tilsit Ragait
Rasmussen Donne	Oter-Lankenhau		Lankenhau	Wibe v	Prögenau	Kreis Tilsit Rag

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Bolschlag v	Schönbruch	Kreis Pr. Friedland	Ciese —	Legitten	Kreis Insterburg
Boltz —	Ad. g Gründen		Giese —	Legitten	Pr. n. ten
Borcke v —	Tolkdorf	Kreis Rastenburg	Gürod —	Luisianna	Kreis Darkchoten
Borck v —	Adl. g. Liegen	Liebmühl	Lasow v —	Ilalca	Kreis Heil senbei
Borittau —	St Lorenz	Rauschen	Lasow v —	Parulichen	Wol tin ck
Brack —	Gross Kar vanden	Tharau	Goetze —	Kalkstein	Fischhausen
Braemer —	Doristal	Kreis Füllkalen	Goltz Baron v d —	Kallen	Friedhausen
Brandes Dr —	Althof	Kreis Insterburg	Goltz Baron v d —	Mertensdorf	Friedland
Brandt v —	Pellen	Zinten	Goltz Baron v d	Welack	Wenden
Brassat —	Schrenk	Kreis Insterburg	Goltz Dombardt Baron	Gross Bestendorf	Kreis Mohrunen
Braun —	Bethsädagut	Kreis Angerburg	v d		
Braun —	Bönken	Kreis Pr. Eylau	Gottberg v —	Pr Wilten	Dornau
Braun Baron v	Warmkeim	Paaris	Graeve Elder v —	Gross Gotteswalde	Sonnenborn
Brockmann —	Maxheim	Bartenstein	Gramatzki v —	Schrombehnen	Kreis Pr. Eylau
Bruch —	Powarben	Trömpau	Gramberg —	Lawken	Rhein
Bruch —	Steffenswalde	Dollan	Groeben, v d —	Gross Klingbeck	Landwagert
Brunk —	Kon gylann	Allenburg	Groeben v d —	Wiese	Reichenbach
Bruyère de la —	Knoppsdorf	Neuhäusen	Grose —	Steezen	Pr. Holland
Büchler —	Cro s Legden	Waldau	Gruber —	Bohnau	Goldnick
Buchste ner —	Grudshofchen	Wöterkeim	Gruber —	Westehöfen	Schaakstut
Budde —	Linkenau	Kreis Mohrunen	Grubert —	Bartkeuten	Tilsit Ragnit
Buddebrock Baron v	Dos n	Kreis Gumbinnen	Grunwaldt —	Reichenbach v	Kreis Pr. Holland
Büttler —	Klein Kannapinnen	Gross Hoppen	Gubba —	Adlig Gützhöfen	Wemel
Bulow v —	Romansgut	bruch	Gutsverwaltung	Gutnicken	Kreis Fischhausen
		Friedland	Gutrit —	Gross Goltz	Kreis Gerdauen
Buhl Baron v	Postehen	Nemmersdorf	Haasler —	Burkandten	Kreis Tilsit Ragnit
Burchardt —	Austenehlen	Kreis Angerburg	Hahlweg —	Ober Pletchen	Dönhofsadt
Burschort —	Walfreide	Kreis Gumbinnen	Hammerschmidt —	Krölkeim	Dönhofsadt
Busch ng —	Ganderkehmen	Kreis Tilsit Ragnit	Hanno —	Brandau	Marnewerder
Buskies —	Kallingsken	Kreis Tilsit Ragnit	Hardt —	Schildek	Kraplau
Buttgerat —	Kirschehnen	Rudau	Hassenstein —	Staldeck	Schakohen
Campanhausen Baron v	Korls k	Gerdauen	Hatten v —	Salwarschienen	Petersbagen
Caspari —	Gross Schirrau	Kreis Wehlau	Hauptfestit —	Trakenhen	Kreis Stallopöten
Caspari —	Kobbelbode	Ostpreussen	Hausen Baron v —	Sundicken	14 la Schaaken
Chomse —	Rahnuu	Kreis Pr. Holland	He nrich —	Cathrinhofen	Powayen
Claassen —	Charlottenwalde	Kreis Tilsit Ragnit	He nrich —	Lichtfelde	Kreis Gumbinnen
Claassen —	Notendorf	Kreis Marienburg	Heusath —	Jockeln	Kreis Marienburg
Contag —	Wenzken	Budders	Herrmann —	Königschof	Gross Lindman
Co sep us —	Gorken	Kreis Insterburg	Heubach —	Waldemmen	Lietstadt
Da brumer —	Kiatmschken	Kreis Insterburg	Heumann —	Klein Gabelick	Goldbach
Dams —	Joneten	Kreis Insterburg	Hennberg v —	Heuerlittenhof	Kreis Niederung
Dannenberg —	Dohgehen	Neuendorf v —	Hippe —	Gross Luglack	Roggenhausen
Deutsch v —	Graventhien	Pomahlen	Hoelger —	Pustutten	Crenburg
Dickhauser v —	Kuckeneese	Kreis Tilsit Ragnit	Hoeng —	Mathildenhof	Heamsberg
Doepner —	Matt sehen	Kreis Niederung	Hoepfer —	Möritzen	Kreis Tilsit Ragnit
Dohr ng —	Klein Skirbat	Kreis Niederung	Höher —	Budupöden	Queudau
Domsch —	Spucken	Kreis Königsberg	Hopp —	Adl. g. Sudan	Kreis Heilberg
Dönhoff Count v	Fr edrichstein	Kreis Bartenstein	Hossnann —	Klotanen	Kreis Mohrunen
Dönhoff Count v	Kraftschien	Kreis Pr. Holland	Hostmann —	Löthen	Kreis Goldbach
Dohna Schlob tten	Schlob tten		Hoth —	Garbeningen	Kreis Neidenburg
Dohna Schlob tten	Prinze zu	Heiligenwalde	Hulksem Baron v	Küggen	Pomahlen
Dohna Schlob tten	Prinze zu	Kreis Pr. Holland	Hutnbach —	Waldemmen	Picken
Dohna Schlob tten	Schlobden	Kreis Pr. Holland	Hundsöcker —	Corall sehen	Kreis Gerdauen
Dückler —	Rudlanken	Kreis Insterburg	Janzen v —	Gerdauen	Queudau
Dyck —	Lichtfelde	Kreis Stubb	Japha —	Abwinkeim	Tarpuschten
Dyck —	Palaschken	Kreis Stubb	Jaraczewski v —	Elknehen	Trakenhen
Ebb ngbau —	Albmannhof	Kreis Stubb	Kaewurm —	Gross Puspren	Kreis Pr. Eylau
Ebbardt —	Kommorowen	Bialla	Kalkstein v —	Armberg	Crenburg
Elern v —	Bandels	Albrechtsdorf	Kalkstein v —	Dransmitten	Kreis Insterburg
Enns —	Wangnick	Prassen	Kalkweit —	Neu Deutschlauken	Tungen
Erzberger —	Klein Medun sehen	Kreis Insterburg	Kantz Count v	Pofagen	Powayen
Erzberger —	Paballen	Kreis Tilsit Ragnit	Keyserlingk Count v	Condeinen	Eichen
Eulenburg Count zu	Gallingen	Kreis Pr. edland	Klatt —	Popenhen	Kreis Mohrunen
Eulenburg Count zu	Prassen	Kreis Rastenburg	Klemmanner —	Prohnen	Wandlacken
Eulenburg Count zu	Wicklen	Schonbruch	Klunkowstoen Count v	Heiligenstein	Kreis Insterburg
Ewald —	Chmelowen	Chmelowen	Klug —	Lemberg	Kreis Gerdauen
Fabser —	Elksenhöbe	Kreis Oletzko	Klugstak —	Baywen	Kreis Gerdauen
Farrnenlemer —	Pal etigurren	Kreis Darkerhen	Knobloch v —	Adl. g. Barwalde	Goldbach
Farrnenlemer —	Bal etigurren	Kreis Angerburg	Knobloch v —	Fr edrichsburg	Kreis Goldap
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Feyerabend —	Dorbucken	Kreis Palmnicken	Koerpen —	Abelschicken	Kreis Marienburg
Fick —	Rinau	Neuendorf	Koestar —	Stalle	Neuendorf
Fick —	Klein Medenau	Kreis Mohrunen	Kohtz —	Guth eden	Kreis Insterburg
Finkensteen Count v	Jaskendorf	Kreis Mohrunen	Kopp —	Adlig Althof Starbat	Kreis Oletzko
F nk —	Guthenen	Liska Schaaken	Kortz —	Margrabowa	Wöterkeim
F nk —	Nautzau	Grünhof	Krahmer —	Draut tten	Grubagen
Firley —	Gross Schraunen	Bartenstein	Krakow —	Rickgarben	Oletzko
Fischer v —	Klein n Bertonng	Allenstein	Kralewsk —	Olschowen	Rudwangen
Flotwell v —	Lautensee	Ostpreussen	Krause —	Paul nenhof	Wuslack
Forstreuter —	Schaud enen	Kreis Fischhausen	Krause —	Schullen	Ostpreussen
Fortlage —	Fischhausen	Kreis Fischhausen	Kroek —	Salzbach	Kreis Angerburg
Frankenburg v —	Worplack	Rosel	Kröner —	Transschien	Kreis Niederung
Fuchs —	Birnau	Liebmühl	Krugner —	Wilhelmsberg	Kreis Angerburg
Gädeke —	Nadrau	Rudau	Kuenheim v —	Kaptsucken	Labiau
Gamp Baron v —	Worenen	Kreis Pr. Eylau	Kuenheim v —	Judbitten	Schonbruch
Gastell —	Olshöwen	Kreis Angerburg	Kuhn —	Spanden	Wusen
Gehrmann —	Derben	Kreis Angerburg	Kuhn —	Laptau	Kreis Gumb nnen
Gengk —	Posewangen	Kreis Angerburg	Kuntze —	Adl. g. Neuendorf	Kreis Angerburg
Cerlach —	Baumgarten	Kreis Stubb	Labes us —	Adl. g. Klein Dombrowken	Kreis Pr. Holland
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Hensler Gebrüder	Unterb chl ngen		Schmid Jakob	Tannenbrunn Geme ode Worndorf	"
Höre Gebrüder	Sauldorf		Schühle Konrad	Langenhart	"
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Böckel — Bieren Kreis Herford Westphalen	Spiegel von — Rheder Brakel Westphalen
Elverfeld von — Schloss Canstein Marsberg Kreis Bielefeld Westphalen	Spiegel von — Helmern Peckelsheim Kreis Warburg Westphalen
Funke Fr. Altenhellefeld Sundern Kreis Arnsberg	Sülpstr. B. Gerlingen Ostfriesland Kreis Soest Westphalen
Haxthausen von — Abbenburg Bielefeld Kreis Höxter Westphalen	Sümmern — Haus Korten Uena Westphalen
Hennings C. — Beverungen Westf.	Türich — H. nter Eichholz Steinheim Westphalen
Ismar — Vorder Eichholz Steinhelm Westphalen	

ASSOCIATION OF SHEEP BREEDERS IN PROVINCE SAXONY

Verband Provinzial Sächsischer Schafzüchter Kaiserstrasse 7, Halle a.-Saale Sachsen

PROMINENT BREEDERS

Bauermeister —	Löbnitz	Bitterfeld	Rittergutsverwaltung	Klosterode	Blankenheim a. Harz
Bennecke H. —	Löbnitz (Stassfurt)	Neugattersleben	Rockstroh —	Münchenlohra	Wolkramshausen
Endlich —	Andersdorf	Friedeburg (Saale)	Roklum —	Krs. Halberstadt	
Goedike —	Goebel	Loburg	Sanner —	Wenzelsdorf	
Heldrich v. —	Neuba	(Lustadt)	Schill —	Niederschön	Corbetha
Hennig —	Ladford	Bernburg (Anhalt)	Schmidt —	Strohwalde	Querfurt
Heynitz v. —	Dröschkau	Belem/Lilbe	Schulz v. d.	Vitzburg	Gräfenhainichen
Hoernig Mrs.	Belleben	Belleben	Schwechten Count	Althaus Leitzkau	(Lustadt)
Krick, —	Ilr etake	Loburg	Sperg O.	Tauschwitz	Arberg Bez. Halle
Messerschmidt —	Berendörff	Dölitzsch	Sperg & Sohn	Canitz R. es	Sachsen
Meyer —	Friedeburg	(Saale)	Wagner U.	Weddewitz	Baalberge (Anhalt)
Nathus u. v. —	Hundsburg		Werther —	Schöndorf	Weimar
Neubürger —	Grosswig	Torgau	Weidlich —	Querfurt	
Reckleben —	Walperode	Wiedelah a. Harz	Zakrzewski v.	Oppin	Arnsberg (Saalkreis)

ASSOCIATION OF SHEEP BREEDERS IN PROVINCE BRANDENBURG

Verband der Schafzüchter der Provinz Brandenburg Berlin N.W. Kronprinzen Ufer 56

PROMINENT BREEDERS

A — Merino-Stud Flocks at —	Kreis Königsberg N.m.	Estate Schönemark	Kreis Prenzlau
Estate Blankenfelde	" Königsberg N.m.	" Schönrade	" Friedeburg N.m.
Carlstein	" Amstade	" S. evelitz	" Tempin
Crantz	" Jüterbog-Lucken	" Sierneck	" Königsberg N.m.
" Dubrau	" Calau	B — Mutton Sheep at —	Kreis Prenzlau
" Crab	" Sorau	Estate Mühlentropfen	" Osternberg
" Cr. Langerwisch	" Ostpreignitz	Golow Oderbruch	" Prenzlau
" Hohenbrar	" Lebus	Grabow	" Ankersmünde
" Altpreignitz	" Prenzlau	" Hant. ile	" Briesen
" Merzdorf	" Zülchau Schweibitz	" Kerkow	" Briesen
" N. kern	" Zülchau Schweibitz	" Sonnenberg	" Briesen
		" Zernichow	

ASSOCIATION OF SHEEP BREEDERS IN OLDENBURG

Oldenburgische Schafzüchtervereinigung Rodenkirchen Oldenburg

PROMINENT BREEDERS

Blitz Gorb	Jorn, Burhave	Oldg	Kloppenburg Berch	Pottin, Siedel	O. g
Conde, J. H.	Andershausen, J. H.	"	Lampy W. H.	Altshausen, C. H.	Altshausen
Dunkhagen Anton	Wulke, Burhave	"	M. W. M.	Altshausen, D. H.	"
Grothmann Ernst	Wulke	"	K. H. H. H. H.	T. H. H. H.	"
H. H. H. H.	Altshausen-Grothmann	"	St. H. H. H.	P. H. H. H.	"

BLACK FACED MUTTON SHEEP BREEDERS' ASSOCIATION IN EAST PRUSSIA

Verein für die schwarzköpfige Fleischschafe in Ostpreussen, Hauptstadt Königsberg Ostpreussen

PROMINENT BREEDERS

Althaus v. —	Karlsruhe	Kreis Königsberg	Potsch —	L. H. H. H.	Kreis Königsberg
Altshausen v. —	Carlsruhe	" Königsberg	" L. H. H. H.	" L. H. H. H.	" Königsberg
Reich v. —	Th. H. H.	" Königsberg	" L. H. H. H.	" L. H. H. H.	" Königsberg
Reich v. —	Th. H. H.	" Königsberg	" L. H. H. H.	" L. H. H. H.	" Königsberg
Reich v. —	Th. H. H.	" Königsberg	" L. H. H. H.	" L. H. H. H.	" Königsberg
Reich v. —	Th. H. H.	" Königsberg	" L. H. H. H.	" L. H. H. H.	" Königsberg

Black faced Mutton Sheep Breeders Association in East Prussia (cont'd)

PROMINENT BREEDERS

Dress v r	Schre laugken	Kreis Memlau	Mattikat --	Maulen	Kreis Königsberg
Elern --	Dandels	Py L lau	Messing v --	Aschuten	Friedland
Fuchs	B enau	Osterode	Meyer --	Schoofless	Angermünde
Cuck --	Nadrau	Königsberg	M ger --	Wormanns	Py Eylau
Gehren v --	Ceechen	Marggrabowa	Motzkau --	Neu Rosenthal	Rastenburg
Glo r --	Ceech n	Mohrungen	Mühler --	Hof n	Osterode
Ge z Baron s d	W hla k	Ras nburg	Nepenborn v --	Loyden	Friedland
Goulsen --	N. K. u	Lotzen	Nepenborn v --	V eritshufen	Osterode
Gramatdo v --	Sch ul	Py Eylau	Pauls --	Frankfack	Rastenburg
Grafenhausen	N. K. u	Neidenburg	Pette --	Baumgarten	"
Greddeck --	Ha --	Rastenburg	Petbandt v --	Pemp en	Wellau
Groeben s d	Klin t k	Hes enbein	Puttkamer v --	Cr Plauth	Rastenburg
Gronmetz --	u burg	Py Holland	Quast v --	Redden	Friedland
Gross	u burg	Angerburg	Quast v --	Schaaken	Angerburg
Gubba	u burg	Memel	R ebensahn --	Wossau	Rastenburg
Gut v n	u burg	Marnewerder	Rhode --	Trom iten	Friedland
	u burg	Friedland	Rohde --	Sch ppenbrilshof	Angerburg
	u burg	Marggrabowa	Rosnow --	Schm rdtkeum	Friedland
	u burg	Osterode	Salomann --	Otten	"
	u burg	Wellau	Sa nt Paul v --	Carol nerhof	Osterode
	u burg	Py Holland	Schlenke --	Lingwarowen	Duckbuchen
	u burg	Königsberg	Schlichter	Wol enan	Rast n
	u burg	Friedland	Schmidtfield v --	K Prum	Wellau
	u burg	Ras nburg	Schultzen v --	Cradien	Altentien
	u burg	Königsberg	Schulz --	Hammerhoff	Hell enbein
	u burg	Gerdaun	Schulz --	Kukowen	Olecko
	u burg	Py Holland	S egrifed	Klitzak	Rastenburg
	u burg	Ras nburg	S egrifed	Kolkwein	"
	u burg	Wellau	Sonal --	Stawiken	Anzerburg
	u burg	Py Eylau	Stegen v --	Eichholz	Heiligenbein
	u burg	Duckbuchen	Ste n v --	Crass tria Langgut	Osterode
	u burg	Olecko	Stipulat --	Bokallen	Gerdaun
	u burg	Fuchshausen	Stoer --	N ckelsdorf	Altentien
	u burg	Gerdaun	Thalwitzer --	Wocau	Friedland
	u burg	Friedland	Totmhöfer --	Burkenfeld	Py Eylau
	u burg	Heiligenbein	Trenck v d --	Zohlen	Gerdaun
	u burg	Py Eylau	Umr --	Quanditten	Py Eylau
	u burg	Sensburg	Umr --	Osternau	Fuchshausen
	u burg	Angerburg	Umr --	Hilthelb	Osterode
	u burg	Angerburg	Umr --	Adl. Fräuleinshof	Rastenburg
	u burg	Mohrungen	Umr --	Ge Groeben	Königsberg
	u burg	Rastenburg	Umr --	Osterwin	Osterode
	u burg	Alteinsten	Umr --	S ettenbruch	Rastenburg
	u burg	Rastenburg	Umr --	Schmen	Friedland

MERINO SHEEP BREEDERS ASSOCIATION IN EAST PRUSSIA

Merino Fleischschaf Züchter Verein in Ostpreussen Rhesastrasse 4 Königsberg

PROMINENT BREEDERS

Alberts	Traupel	Kreis Rosenberg	Hertz-Kleptow	M. Lucken	Kreis Sensburg
Auerwald v --	Fäulen	Rosenberg	Neumann --	Kl. Gabi ck	Lotzen
Plum --	R oben	Sensburg	Hohberg-Bechwald v --	Dulzen	Py Eylau
Borcke v --	Tolkendorf	Rastenburg	Holz --	Prokau	Osterode
Bornas --	Adl. Liegen	Osterode	Jackke --	Limboe	Rosenberg
Buhl v --	Gr. Köpken	Braunsberg	Jackke --	Spitzen	Py Holland
Busse --	Kröten	Hammer	Ketelhode v --	Baranowen	Sensburg
Demmer	Cr. Brausen	Marnewerder	Kramer-Pittenben	Hausenberg	Ge. rode
Dohna Count zu	Braunau	Rosenberg	Massew v --	Parnheim	Web au
Dohna Count zu	Schled eb	Py Holland	Meden v d --	W ka	Neidenburg
Dörschlag	Ocken	Marnewerder	Mentze --	Schöllmen	Py Holland
Eben v --	Bauditten	Friedland	Munigerode v --	Ross iten	Py Holland
Eulenburg Count zu	Wicken	Rosenberg	Nebbel --	Salusken	Neidenburg
Fack v Finckenstein	Ge. Heerogswalde	Friedland	Penner --	Januschau	Py Holland
Count	Jäskendorf	Mohrungen	Pentz v --	Koss iten	Marnewerder
Fischer --	Kipitten	Friedland	Richter v --	Cr Rosanen	Suhm
Fischer --	hl. Berlung	Altentien	Ritzberg Count v	Stangenberg	"
Flattwell v --	Lautenae	Stuhm	Rosenberg Baron v	Hochreher	Marnewerder
Frankenstein --	Sagau	Neidenburg	Rosenberg Baron v	Kietzen	Marnewerder
Goitz v d Baron	Cr Samrodt	Neidenburg	Rose v --	Döllau	Osterode
Görg --	Littichen	Marnewerder	Saucken v --	Loschen	Py Eylau
Groeben v d --	Neudorf heu	Marnewerder	Schreck zu Tautenburg	Pohlbeis	Königsberg
Groeben v d Count	Pontzen	Mohrungen	Baron	Schultz --	"
Groeben v d	Wess	Py Holland	Schultze --	Cr Schren --	Rastenburg
Gronke --	Albrechtshof	Rosenberg	Schumann --	Reinsdorf	Neidenburg
Grossman --	Foschschonem	Py Eylau	Schwank --	Cj Schläfen	Friedland
Gutze f --	Gr Gu e	Gerdaun	Stuch v Goltzheim --	Reyl em	Es elland
Gutsverwaltung	Hohendorf	Mohrungen	Stuch v Goltzheim --	Altd. Fräuleinshof	Königsberg
	Kaltbth	Py Holland	Stuch v Goltzheim --	Paulsdorf	Marnewerder
	Kl. Tromnau	Rosenberg	Stuch v Goltzheim --	Erben	Ostburg
	Marjauen	Alteinsten	Stuch v Goltzheim --	Riesmannwalde	Sensburg
	Pohlwitz	Mohrungen	Stuch v Goltzheim --	Ilz la	Neidenburg
	Saubersdorf	Marnewerder	Stuch v Goltzheim --	D. etri hadorf	Rosenberg
	Th ereath	Rosenberg	Stuch v Goltzheim --	Cramton	"
	Brandau	Marnewerder	Stuch v Goltzheim --		

Pig Breeders.

ASSOCIATION OF AMHERSTLAND FIG BREEDERS

Ammer-Islandschweinfurter-Gesellschaft, Eidgenossenschaft, C. 1897

PROMINENT BREEDERS

[illegible]

ASSOCIATION OF FIG BREEDERS IN PROVINCE BRANDENBURG

Verband der Schreinermeister - d. Provinz Baden - Nr. 4 - Karlsruhe U.

FROM THE BREEDERS

[illegible]

L = log Association 'Sources of Friction' (cr.)

PC 91 7-11 82

[illegible]

1. STANDARD 2: RIGOROUSNESS 25% 27%

Page 1 of 1

[illegible]

OS AEPUCI ASSOCIATION OF SOCIETIES OF FINE BUILDERS

Computer Science Department, University of California, Berkeley

FROM INT BREFLRS

[illegible]

VISSFLHÖVED" FIG FREIDERS ASSOCIATION

Schweren ist es notwendig, dass die ...

PROPOSED PRECEDENTS

Conrad, W. D.	==	Anders Visebilde	==	Hattoway	==	Gedde P	==	Alfons Visebilde	==	Hattoway
Ewerstam, A.	==	Lahn Visebilde	==	"	==	RIS, H.	==	Arne i vide	==	"
Gedde H.	==	Hildner Visebilde	==	"	==	Wille H.	==	H. Tade, Bergbrev	==	"

HILDESHEIM ASSOCIATION OF BREEDERS OF MOORLAND PIGS

Hildesheimer Züchtervereinigung zur Zucht des deutschen Hildeschweines (Hannover—Braunschweig'sche Land
schweine) Linkstrasse 3 Hildesheim

PROMINENT BREEDERS

Bohnhorst O	Bilderlahe	Seesen a H	Salomon Hehr	Marienrode	Hildesheim
Brandt Rud	Bndert	Derneburg	Schladen Domäne	Schladen a H	Schladen a H
Baron v Crammsche	Gutsverwaltung	Rodenburg	Schlüter H	Garmssen	Garbolzum
Fiesel W	Hauserschd	Gronau i H	Schreiber F	Ohlhof	Goslar a H
Graf C	Hannenburg	Hildesheim	Schulenburgsche v d	Oek Verwaltung Wols	Krs Gandeleng
Graf —	Soderhof	Ringelheim		Burg	
Huen de —	S R um Holle	b Derneburg	Schke G	Gr Heere	b Baddecken
Henneberg —	Drütte	Immerdorf i Br	Stralene m v Baron	Imbshausen	stedt
Klaue —	R echenberg	Goslar a H	Warneboldt W	Garmssen	P Northum
Köchy Ed	Jerahme	i Braunschweig	Wippern Hans		Garbolzum
Siever —	Seesen a Harz	Gut Altes Amt	Walmoden — v	Altwallmoden	Emmerke
Morbake H	Hofschwecheldt	b Pe ne	Wrede Johannes		Klingelheim
Niehoff Hente Herm		Immerdorf i Br	Zaddach Ferd		Lichtenberg i Br
Pommerehne Alb	Hobnassell	Osterlnde	Zuchter Frnt sen	Heinde	Gr Dungen
Rooff —		Derneburg		Seesen a Harz	Dehnstrasse

THE INTERNATIONAL DIRECTORY OF PEDIGREE STOCKBREEDERS,

(Führer durch die Hochzuchten der Welt)

23, Fleet Street, London, E C 4, England,

Wir sind über die Herden der Welt unterrichtet und gern bereit Fragen nach Verkaufsmöglichkeiten Preisen,
Märkten Transporten und Eignung der Tiere für jedes Klima sofort und kostenfrei zu beantworten Der
Internationale Hochzuchtführer bringt in seinem namentlichen Verzeichnis alle bedeutenden Züchter der
Welt und die von ihnen gezüchteten Tierarten

Horse Breeders.

PROVINCE OF HANOVER LIGHT HORSE BREEDERS ASSOCIATION

Provinzial Verband Hannoverscher Warmblutzüchter Hannoversche Stutbuchgesellschaft, Leopoldstrasse 10, Hannover

PROMINENT BREEDERS

Addix Alb	Ashwarden	Kre s	Blumenthal	Döscher Adolf	O E Lüdingworth	Kress	Hadela
Ahlh Herm	Uthlede	"	Geestemünde	Döscher Ernst	Kransburg	"	Lehe
Ahlh He nrch	Dornbusch	"	Kehdingen	Döscher Hans	Altenbruch	"	Hadela
Allers Adolf	O E Otterndorf	"	Hadela	Döscher Heinrich	O E Altenbruch	"	Hadela
Allers Rudolf	Dorumer Str ch	"	Lehe	Dörning v	Stotel	"	Geestemünde
Allwörden Heinrich v	Feldhof	"	Kehdingen	Ebeling Otto	Homeburg	"	Stade
Allwörden Heinrich v	Nindorf	"	Kehdingen	Eckhoff Balbasar	Colshorn	"	Burgdorf
Arfmann Knübel Joh	Ashwarden	"	Blumenthal	Eggers Herm	Bergt ed	"	Jork
Arps Georg	Cappel	"	Lehe	Eylmann Helmut	Borstel	"	W nsen Lube
Asendorf Heinrich	Rueda	"	Verden	Fecht Albertus v d	Gaunssack	"	Kehdingen
Becken Karl	Hetthorn	"	Geestemünde	Feldmann —	Drochtersen	"	Neubaus/Oste
Beckmann Claus	Aschborn	"	Kehdingen	Fick W	Bentwich	"	Fall ngbostel
Beckmann He nr	Engelschoff	"	Stade	Follist ch rhard	Frankenfeld	"	Neubaus/Oste
Beckmann Witwe	Stellenfleth	"	Hadela	Follist Ernst	Cadenberge	"	Lehe
Becken Herm	W E Otterndorf	"	Amt Ritzebüttel	Frey Joh Hinrich	Cappel	"	Hadela
Benndt Hans	Armshausen	"	Kre s Achim	Frey Joh Hinrich	Padingbüttel	"	Hadela
Bischhoff H nri h	Uphusen	"	Achim	Frey Otto	Osterbruch	"	Hadela
Blohm Georg	Hagen	"	Stade	Föge Wih	Brünsherrm	"	Neubaus/Oste
Borstel Fr edrich v	Agathenburg	"	Hadela	Gese Gustav	Schackelhof	"	Kehdingen
Borstel Heinrich v	W E Otterndorf	"	Kehdingen	Gese He nrch	Dornbusch	"	Jork
Borstel Johann v	Wechtern	"	Kehdingen	Grothmann Gustav	Neuenachleuse	"	Kehdingen
Borstel Jakob v	Dornbusch	"	Kehdingen	Grothmann Jol us	Bützfleth	"	Kehdingen
Borstel Peter v	Bronsbausen	"	Kehdingen	Grothmann Theodor	Schackelhof	"	Geestemünde
Bühse Peter	Eibedeth	"	Kehdingen	Hafemeyer Carl	Baljeberg	"	Marienbu rg
Bulle Ernst	Borstel	"	Hadela	Hard uberg Schwibelt	Wersabe	"	
Buhrle H Hugo	O E Altenbruch	"	Neubaus/Oste	Count v	Gut Soder	"	
Böcker Carsten	Cransenwende	"	Geestemünde	Harry Nikolaus		"	Geestemünde
Böttcher Friedr	Wulsdorf	"	Geestemünde	H nsch Jürgen	Sch fford	"	Lehe
Blämann Friedr	Holte	"	Fall ngbostel	Hermann He nr	Wernem	"	Celle
Blümann H n	Crethem	"	Ach m	Hörmann Eymor	Wathl ngen	"	Geestemünde
Callen v Franz	Berden	"	Lehe	Hottendorf Herm.	Sch ngen	"	Hadela
Clawen H rmann	Wahnbergen	"	Verden	Hoyer mann Ernst	W E Otterndorf	"	Burgdorf
		"			Lohne	"	

Province of Hanover Light Horse Breeders Association (cont.)

PROMINENT BREEDERS

Itburg He nrlich	Vehrie	Kreiss Onabrück	Oetjen Aug	Tetendorf	Kreiss Soltau
Icken W tw Erwin	Cappel Neufeld	Cappel Neufeld	Oellers Hinf b	Ladekop	Jork
Icken He nrlich	Cappel	Lehe	Osterdorf Eduard	Cappel Neufeld	Lehe
Icken Richard	Dorum	Lehe	Ostermeyer Heinrich	Neuembuchen	Burgdorf
Icken Rudolf	Dorum	Lehe	Osterdorf Hermann	Cappel	Lehe
Illies Hatz	Neuenkirchen	Ilumenthal	Otterstedt Heinrich	Otti reisch	Ach m
Johannsen Karl	O E Ot emdorf	Had la	Ilale v	Al enwisch	kehd ngen
Ju gelaus Alfred	Dornbusch	kehd ngen	Ramm Ark H	Schöneworth	kehd ngen
Jahmann Gustav	Webdel	Bersenbrück k	Re mers W H	Achter ich	W nsen/Luhe
Kolster Claus	Wohden	Jork	Re ners W H	Uthlede	" Gerstemünde
Koser Gebroder	Engelschhoff	Jork	R ppe Dieder	Uthlede	" Ceestemünde
Koppmann Peter	Engelschhoff	kehd ngen	Rönn Heint v	Hühlsdorf	Neuhaus/Oste
Korbs Robert	Brak	Neuhaus Oste	Rönn Heint v	Neuhaus	Neuhaus/Oste
Kropp Bernhard	Oberniedland	Bez Bremen	Schnehen W H v	Hol e	Gerstemünde
Körpe Johannes	Elbde ch	Jork	Schröder Joh	Hammelwadersand	Amt
Körpen He nrlich	Dobertsworth	Hadeln	Schröder He nrlich	O E Otterndorf	Kreiss Hadeln
Koser Heinrich	Abbenfleth	kehd ngen	Schröder Albert	Nordleda	Hadeln
Koser Gebroder	Ditzflethersand	kehd ngen	Schwammann —	Schwege	Iburg
Lange He nrlich	Neuenkirchen	Hadeln	Seht W H v	O E Otterndorf	Hadeln
Levers Johann	Jork	Jork	Sckmann Arnold	Langen	Bersenbrück
Leydecker Claus	Gaurns ek	kehd ngen	S chs Heint	Cappel	Lehe
Leydecker Heinrich	Itzenorden	Lüneburg	S on ne Friedr	Wechtern	kehd ngen
Lohmann Heinrich	Echem	Lüneburg	Somfleth Jakob	Neuhof	Jork
Meyer August	Mage sen	Hoya	Sponagel Robert	Echem	Lüneburg
Meyer Fritz	Barne	Verden	Stechmann Heinrich	Lühe	Jork
Meyer Herm	Dreckharburg	Lüneburg	Stechmann Diederich v	Wohden	Jork
Meyer Heinrich	kehd ngenbrück	Neuhaus/Oste	Stemmen Leter v	Asselersand	kehd ngen
Meyer Joh	Eckingen	Syke	Tamm Em l	Altenbruch	Hadeln
Menschmann Detrich	Grothe	Fallingbowl	Th emann Gr	Hespe	Bersenbrück
Meyer W ihelm	W embergen	Bersenbrück	T edemann Amandus	W E Lüd ngworth	Hadeln
Meyn Johannes	Echem	Hoya	Tischwein W	Rxförde	Celle
Mohr Hermann	Altenbruch	Lüneburg	True He nrlich	Stedorf	" W nsen/Luhe
Mohr W H	Lüd ngwort O M	Hadeln	Tween Fritz	Hunden	Aschendorf
Morisse W H	Wersabe	Geestemünde	V ageds Cl	Deverhof	Stade
Morisse Karl	Rade	Ilumenthal	V ncent Henry	Al enbruch	Hadeln
Mysegades Heinrich	Brinkum	Syke	Vollmers Herm	Periberg	Stade
Nack He nrlich	Echem	Lüneburg	Vollmers H nr	Wepenkathen	W nsen/Luhe
Nagel Conrad	Bassenfleth	Jork	Wegels August	Roydorf	kehd ngen
Nagel Joh	Wohden	Jork	Witt Hermann	Aschorn	Lehe
Nehoff Otto	Ahlen	Aschendorf	Wohlers Hermann	Cappel	Bersenbrück
			Wulferd und Meyer	R este	

ASSOCIATION OF BREEDERS OF THE OLDENBURG HORSE

Verband der Züchter des Oldenburger Pfandes Pferdemarkt 12 Oldenburg

PROMINENT BREEDERS

Addicks U	S naburg Galtwarden	O denburg	Gräbhorn Ernst	Seefeldler Aussende ch Seefeld	Oldenburg
Addicks Heinrich	Neustadt Strückhausen		Gramberg Gust	Bollenhagen b Jade	
Addicks W H	Golzwarderwarp Golzwarden		Grashorn G	Rahde b A chatten	
Ahlens E G	Butteltdorf Al enhantorf		Grever Th	Schnellen b Lastrup	
Ahrng Aug	Moorte Abbehausen		Gr stede Gust	Freresmoor	
AHs Ad	Hoykenkamp b Delmenhorst		Gat ng W H	Esenshamm	
Ammermann Gust	Moordorf b Altenhantorf		Hanken D	Zetel	
Andreas G	Fedderwarden (Jeverland)		Hanken G	Ohmstedt	
Arthmann H	Mühlen	Lübeck	Hanning Ernst	Ivens Burhawern	
Auhage H	W lster	Oldenburg	Herzog G	Hude	
Bakhaus, Gerh	Jacobollenhagen b Jade		Heeren Th	Fort en Jeverland	
Behrens Fr	Bardenfleth		He nemann D	Jade	
Blomendahl Frz	Holtdorf		Heinemann Joh	Dalsper Bardenfleth	
Borchers H	Rodenk rehen		Herzog G	Cross Wassen b Jever	
Borggräfe E	Syubekhausen Scheewarden		Herzog H	S llenstedt Jever	
Brunt B	Gythe b Vechta		Hespe W	Wehrder Berne	
Brunt Emil	Westrittrum b Huntlosen		Hildebrandt b Tamm	Ahrensbök	
Brodingmeyer Alw	Lohne		Hohnholz Gust	Brandhöfen b Delmenhorst	
Buken H	Nut ein b Cloppenburg		Höppken Aug	Do lgen	
Bulling B	Buttha sen Al ensch		Johannsen Joh	Abbehausergroden b Abbehausen	
Bücking B	Fahren b Ganderkeese		Höppken Aug	Alserde ch Rodenkirchen	
Bunemann Adt H	Ho le b Wus ng		Janssen The	Sollhamm Haus Osterhausen	
Büdelmann, Herm	Oberlethe b Wardenburg		Jeddeloh O zu	Jeddeloh b Edewecht	
Bön ng Gerh Jr	Neuenbrook		Kathmann Jos	Carum b Dinklage	
Böse Fr	Süderfeld Hammelwarden		Kathmann Jos	Hausstette b Bakum	
Dal ngbaun Fr	Dal ngbaun b Damme		Kathmann L	Calveslage Vechta	
Dannemann Dierd	Tungela b		Klatte Frs	Angrybeck Lönigen	
Dannemann Fr	Munderloh b Barchatten		Klatte Frs	Kl Roscharden, b Lastrup	
Daun Ernst	Jever		Klabbe Mart n	Mausen Dersdorf	
Daun Jacobus	Grasbaun b Jever		Kohlhaas E	Klostersee	
Dauer Ernst	Mürrwarden Langwarden		Kohlhoff Ad	Höne b Dinklage	Lübeck
Dwerikotte B	Langwege b Dinklage		Kohlhoff Jos	Bokel b Fuen	Oldenburg
Dwerikotte Clem	Schwege b Dinklage		Koepmann H	Itzenbüthen Berne	
Lihlers Paul	Pohmsdorf b Schwarzen		Kruse Dietr	Eckeloh b Delmenhorst	
Ehnen H	Os ekoh b Bödel	Lübeck	Kruse Joh	Jeddeloh b Edewecht	
Führken Bernh	W nkelde b b Varel	Oldenburg	Lauts L	Altendiech b Tettn	
Gardeler He nr	Astrup b Sandkrug		Laverentz, Fr	Zenghausstrasse 2	Stadt Oldenburg
Gebken Joh	Grossemehr		Lübben U	Schmalenbuerwarp Golzwarden	Oldenburg
Gellhaus Aug	Ambergen b Goldenstedt		Lörwen L	Schitte b Berne	
Gerdes Gerh	Reithausen b Cloppenburg		Lümschen Fr	Indick Dersdorf	
Gerdes Heint	Tostens		Marsten Gerh	Lehmdein b Hahn	
Gerdes Heint b Sr	Jaderberg		Maas Hinf	Buttel b Berne	
Glo strun H H	Dalsper Bardenfleth		Mennen Heint	Norderahn Seefeld	

Association of Breeders of the Oldenburg Horse (cont'd)

PROMINENT BREEDERS

Meinardus D	Stollhamm	Oldenburg	Schlicht Herm	Hammelwander Aussendich Brake	Ocken
Mennen A	Horspelt b Wadeward n		Schlicht Bruno	Frieschenmoor	
Meyer Luda	Amelhausen b Hunkosen		Schill ng Th	Kirchhöfing Stollhausen	
Meyer G	Lehmden b Hahn		Schwartz ng Joh	Grossemoor-Moorseite	
Meyer W	Re nshaus b Friesothe		Schwartz W	Grossemoor	
Mor se Fr	Oldenbock		Schumacher Aug	Ilalen b Höttinghausen	
Muiler Fr	Osterdieken b Hookstel		Seewen D von	Borbeck b Wietfeldsee	
Naber Th	Becken b Cloppenburg		Seegren Fr von	Bergedorfer Ode Gandersee	
Oell on H W	Euwacht		Selten J	Seegren b Westerstede	
Oelgen Heinr	Jennshave b Varel		Sievert Hans	Lies chl Eutin	
Olling Th	Kokelesch b Elisabethfehn		Sommer Gerh	Sölderschenwei Schwe	
Ostendorf D	Parades Altsumtorf		Spurke H	Hurrel b Hude	
Os endorf Wih	Hölandhausen		Stemmer H	Ale n Schep b Jever	
Pars es H	Tweelbake b		Stolle Aug	Borbeck b Wietfeldsee	
Peters G	Inte Stollhamm		Stolle Herm	Ierley b Wildenhausen	
Plate Fr	Hemmelkamp Dalmenhorst		Strothoff G	Schweiburg	
Plate Hans	Hörpe Bardeusch		Stöver W	Hanstadt Wildenhausen	
Popen Grall	Landeswarden b Hohenkirchen		Tablen Otto	Schwei	
Pandt G	Jaderberg		Tablen Wih	Wackern	
Ramen A G	Strückhausen		Tantien Job	Esenshammgeroden Esenshamm	
Ramen Georg	Alte Canzel Rodenk rhen		Tantien H A	Havendortersand, Esenshamm	
Reents C G	Moorsum b S lenstede		Thole Herm.	Crossenketen	
Reinke Carl	Gapstrup b Goldenstedt		Töller G	Hartwarden b Rodenkirchen	
Reinke Clem	Rechterfeld		Vorwerk Lg	Cappeln	
Rein Carl	Lambrugg b Zwischenb.		Vorwerk H	Westerstiek b Emstek	
Reinert R	Langewerth b Wilhelmsbaven		Vorwerk Th	Astrup b Langförden	
Reuschen Gust	Cappeln		Wedemeyer Bernhard	Grossemoor	
Riemitz G	Sandb b Jever		Wefer Dredr	Strückhausen	
Ruschenhoff Hr	Rus brodorf b Damme		Weklag G	Phusewarden Blexen	
Ruber Fr	Aussendich Hammelwarden		Wenke D	Holle b Wätting	
Sach Karl	Bayendorf b Eut n		Wenk Ed	Söderschew burg Schw burg	
Saemüller A	Kranenkamp b Ellerserdamm		Wentz H	Langewerth b Wilhelmsbaven	
Sagen Ciler J	Moorsse Abbehausen		Wierken Herm	Sevelten b Cloppenburg	
Sackuhl Fr	Kleinenketen b Wildenhausen		Weding Gerh	Sannum b Hüntlosen	
Scherberdne Frz	Muhlen		W Helms H	Roggenberg b Bursel	
Schlicht Erich	Boberfede b.		W inter Fr	Dordernmoor Neuenbrok	

EAST PRUSSIAN STUD BOOK ASSOCIATION OF BREEDERS OF THE TRAKEHNER HORSE

Ostpreussische Stutbuchgesellschaft für Warmblut Trakehner Abstammung Schubertstrasse 15 Königsberg Preussen

PROMINENT BREEDERS

Al enstad von —	Gr Medunuschen	Darkehmen	Kirschmann —	Bartketten	Tilist Ragut
Alt Sutterheim von —	Kop, pershagen	Weklau	Kirschung	Kartungken	Tils Ragut
Bachmann —	Liesau	Danzig	Kleidt —	Sacken	Insterburg
Baeher —	Gr Weide	Marnewerder	Klemper —	Plussen	Rössel
Baranski —	Gawuten	Goldap	Klemmner —	Proben	Mohrungen
Bartel —	Groß schken	Goldap	Kosmack —	Neubf Memel	Memel
Bartick —	Bilkien	Lötzen	Kuermann von —	Spanden	Pr Holland
Below von —	Lugowen	Interburg	Lehndorff Count de	Freyl	Fischhausen
Bender —	Lenkonuschen	Tils t Ragut	Lenski von	Kattenau	Stallupönen
Bladau —	Lindenhof	Lötzen	Locklar H	B behlen	Gumtinnen
Böttgerer Frau von	Wohleden	Gerdauen	Mittler —	Kl Skriptorien	Insterburg
Brandstater —	Bergenthal	Goldap	Matz Dr	Husenhof	Mohrungen
Broszhl —	Lausgargen	Pogegen	Moeller-Donahes —	Muljahren	Stallupönen
Dohna Princess	Behlenhof	Pr Holland	Müllmann von —	Miholaken	Lyck
Dohna zu Frunze	Prokelwitz	Mohrungen	Petpet —	Gundwilen	Tilist Ragut
Dohna Count	Rochterwalde	Mohrungen	Perry —	Palentinoren	Tilist Ragut
Dohna Prince	Schlob tten	Pr Holland	Pohl —	Schwulen	Gerdauen
Dohna zu Count	Schlothen	Pr Holland	Rauter von Count	Willkamm	Lötzen
Dohna Count	Walburg	Kön sburg	Reiner —	Rubben	Tils t Ragut
Domane —	Piedkunowen	Lötzen	Rosenfeld, —	Adl Pokrakn	Darkehmen
Doörn —	Salpa	Lötzen	Sanden von —	Launigen	Insterburg
Doehnoff Count	Friedrichstein	Kön sburg	Sacken von —	Tarpucken	Darkehmen
Ebbinghaus —	Amalienhof	Stallupönen	Schanz —	Peterkehmen	Stallupönen
Ebbard —	Kommorowen	Johannsburg	Schmidt —	Gumtinnen	Stallupönen
Eers —	Aufelde	Marienbu	Schmidt —	Hutillen	Stallupönen
Feverabend —	Göln m	Stallupönen	Schraus —	Gaudern	Friedland
Försttreuter —	Schudern	Labau	Schrötter Baro von	Wohnsdorff	Lyck
Frankenberg von	Worpluck	Rössel	Schultz —	Stradamen	Stuhm
Gefeler —	Groeten	Tilist Ragut	Schulz —	Nukowen	Stallupönen
Gerd —	Schnuphehlen	Gumtinnen	Schwarz —	Adl Schandau	Stallupönen
Goebel —	Goldap	Goldap	Schwabenberg —	Amelia	Pr Holland
Goetten von —	Amalienhof	Osterode	Schwichtenberg O —	Alt Dollstadt	Stallupönen
Gold v.d. Baron	Gr Bes endorf	Mohrungen	Snelkus —	Stob ugen	Darkehmen
Gravall —	Kl Papuschienen	Weklau	Sonnenfeld —	Schikarowen	Labau
Gubba —	Göthofen	Stallupönen	Spach, von —	Gr Drossden	Darkehmen
Hebmüller —	Osmagern	Stallupönen	Speßer A. von —	Niesowen	Osterode
Heimeyer —	Hermanshof	Rastenbu	Stein von —	Languth	Rastenburg
Hundertmark —	Wittneren	Insterburg	Stoerner —	Couradswalde	Niederung
Hunsdörfer —	Gr Tul m	Pillkallen	Stolberg Count	Donhoistadt	Tilist Ragut
Hofer —	Bilderswischen	Stallupönen	Stolzen —	Basmutskallen	Stuhm
Hofer —	Saboyden	Stallupönen	Tschert, —	Durwonuppen	Tilist Ragut
Janzen Dr von	Borken	Pr Etlau	Teller —	Geslerbeim	Mohrungen
Jokschütz —	Kunderhof	Gerdauen	Trevar von —	Trankwitz	Stuhm
Jungschütz von Roehren	Nassiden	Pogegen	Voght —	Dombrowken	Darkehmen
Kasewurm sche Erben	Lazarben	Gerdauen	Walmer —	Kartungken	Tilist Ragut
Kallweit —	Kundschen	Tilist Ragut	Wendt Dr —	Gr Holenrade	Königsberg
Kanitz Count	Neu Druckschlen	Insterburg	Wiegandth Dr —	Neubf Reuttschken	Niederung
Karschewski —	Nedauern	Pr Holland	Woslat —	Drangpöden	Pillkallen
	Sobolln	Ostetko			

RHINELAND DRAUGHT HORSE BREEDERS

Rheinische Pferde Züchter Landwirtschafts Kammer für d e Rhein Provinz Endenicher Allee 60 Bonn

PROMINENT BREEDERS

Am hien Cutsverwaltung der S. d. Aachen	Michaelstrasse 11	Aachen	Jussen Konrad	Holzweiler	Kries	Erkelens
Amelner Pferdeucht vere n	Ameln	Kreis Jül ch	Jussen Konrad	Holzweiler		Erkelens
Baerler Pferdeucht vere n	Baerl	Mörs	Kaiser's Güterverwaltung Heiten Hermann	Haus Cle, Post Waldniel		Kempen
Beck Peter Jan			kerstung Fritz	Schliederhof Post Lan		Sölingen
Beckmann Johann	Helmeshof bei Capellen	Celdern	Kle n Franz	Katzen Post Lö enich		Erkelens
	Hörmannshof W. Rich	Mörs	Komp De nhard	I sternich Post Zü rich		Löden
	Post M r enbaum		komp Karl	Haus Derkum Post Derkum		Euskirchen
Beek Gebr	St nshof Post Hubbellath	Düsseldorff	kohtes Joseph	Schürkeshof Strump		Arfeld
Bellward Friedrich	Tüschon Post Velbert	Mettmann		Post Osterath		
B rg Albert von	Homburg Gut Laten	Düsseldorff	kratzborn Gebr	Haaren bei Aachen		Aachen
	sch evers Post Ratingen		Krupp Hubert	Rürgert Neuböfchen		Grevenbroich
Bertrams Jos	Grossbro chhof Post	Düsseldorff	Krupp W. helm	Post Neurath		
	Rat ngen		Krupp W. helm	Wiesengut Hennen (S gkreis)		
Beuch Dr h c harl	R tiergut Burg Gladbach	Düren	Krüpp W. helm	Hessenhof Oefte S Post		Mettmann
Begelste n Geschw	Post Müddersheim			Kettw e (Ruhr)		
	Burg Klein Vern ch Post	Euskirchen	Küppers Fredr ch	Katzen Post Lövenich		Erkelens
	W. erawist		Langenboe Gabriel	Grauehof Post Horbach		Aachen
Biesen Hermann	Umstand Kettweg 56	Fassen	Langels He nrich	Essen Rütensche d		Rees
Blasberg Gebr	Zum Busch Geme nde	Sölingen	Lehmke Franz	Limmerich		Rees
	Grafath Post Foch		Leising August	Reeserwardt		Geldern
Bolten Wwe Joh	Peel Post Rheindahlen	M Gladbach	Leurs Matth as	Leurnhof Poelyk Post		
Bolten Josef	S pshoven	Erkelens		A rucker		
Bommers Gebr	Schm rterhof S rump	Krefeld	Leurs Theodor	Grauelhof Poelyk Post		Geldern
	Post Ostera h			A rucker		
Bongardt Konrad	Bornheim n Post Repelen	Mörs	Lothmann Gerh	Lohmannshof Post Baerl		Mörs
Bourhemmer Pferdeucht vere n	Bourhe m	Jül ch	Lothmann Gerh	Klostergut Frauweiler		Bergheim
Braban W lb	Speldorf	Mülheim (Ruhr)	Lödenbach Karl	Post Bedburg		
Bröcker Karl	Zur Linden Grueten	Mettmann		Haus Overbach Post Much		
	Post Vohwinkel			(S gkre s)		
Bruckhaus Oswald	Gut Wittenbach Post	Düsseldorff	Me we Hermann	Kapellen		Mörs
	Homburg		Mettmann Hengsthal	Vohwinkel		
Bruns W. helm	Schul enhof Mülheim	Mülheim (Ruhr)	tungensoenschaft			
	(Ruhr)-Raadt		e G m B H			
Busch Peter	Pu terhof Post Walden	He nsberg	Meulenber Wwe C	Hofstadt und Ophoven		Aachen
	ra h		und W. Schulte-	Post Herzogenthr		
Busen Conrad	Gunho en Post Rhe ndahen	M Gladbach	Doecker			
Cotzenz Josef	R tiergut Burg Geretz	Bergheim	Mülhens Peter	Burg Röttgen bei Köln Rath		Köln Mülheim
	höven Post Rommers		Nahmen Paul van	Hammunkeln		Rees
	kirchen		G. hieschle Post Rommer	sch rchen		Neuss
Courth G schw	Zündorf	Mülhe m(Rhein)	Neuhaus Hermann	M nard Post Mülheim		Düsseldorff
Cremer Georg	Putzdorf bei Aldenhoven	Jülich	n eel Hengsthalts-	Post Kapellen		Mörs
Dams Wwe Johann	Putzdorf Post Tön sberg	Kempen	vervuz			
Deselaers J	Baersdonk	Geldern	Novel Hermann	Priorhof Post Wickrath		Grevenbroich
Destree Franz	Vernum Post G idern		Opdemom	Schaephuysen		Mörs
	Stüttgerhof bei Köln		Otten Eduard	Gest Post Bäder ch		Mörs
	Lindenthal		Otten Karl	R tergut Wollersom		Rees
Destree Jakob	Elleren	Köln		Post Rees		
Der chs Otto	Gut Rosenthal Post	Düsseldorff	Pesch Tilmann	Nettelshof Post Baerl		
	Hubbellath		Peters August	Nellenhof Post Osterath		Krefeld
Dkopsch Gutswirtschaft	Sechtem	Bonn	Pickartz Gebr	Fleishdorf bei L n n ch		Jül ch
Dresen Franz W. helm	Huthmacherhof Post	Jülich	Pieren Gebr	S Herzhof Post Kempen		Kempen
	Weidorf		Platen Joseph	Tüschhof Post Kaars		Neuss
Desen He nrich	Dor haus n be Rhein	M Gladbach	Pölsberg Wwe W lb	W llich Burgbrof		Erkelens
Duckwe ler Konrad	dahlen		Pullen Franz	Houwerath Post Huckel		
Düppers Willy	Scholltenhof Wardt bei	Mörs		hoven		
	Xanten		Fusen M chael	E ck Laakmannshof		Mörs
Engels Johann	W llich	Krefeld	Quack Heunrich	Post Repelen		
Fosken D etrich	ep-Alchrehmschhof	Mörs	Rees Land Hatten Mehr	Quackshof Post Jüchen		Grevenbroich
	Post Kapel en		Pferduchtverein			Rees
Frenger Franz	Köln Wori ngen	Grevenbroich	Rehm Konrad	Gut Birnath Post Hub		Düsseldorff
Irenzen Johann	Beckrath 1 S Post Her			bechtath		
	rath		Rehmann Ernst	Ve bert Gut Hardenberg		Mettmann
Ge lenk rchen Gerh	Selgendorf Post kraut	Jül ch	Re fier Gottfried	Frish um W we Burg		Euskirchen
	hausen		Reiners Johann	Iengraben Post Erkelens		
Gesen Johann	Mehr	Rees	Rheinisches Landgestüt	ickwath		Grevenbroich
Hallen He nrich	Köln n pps Drosselweg *3	Mörs	Tot schmidt W. helm	Krausen		Düren
Hammann Peter	Saalfeld Post Laten		Schafhausen Heinrich	Cross-Poth Post Grueten		Mettmann
Hans Jakob	Ketzberg Post Foch	Sol ngen	Scharff Jakob	Haus Düssel Post Dornap		Mettmann
Hansen Gebr	Buscherhof Post E k lenz	Erkelens	Schenzer W. helm	Husenhof Eversal Post		Mörs
Haster Joseph	Neuböden Post Neuss	Grevenbro ch		Budberg		
Heckrath Gebr	Nied rhen		Schm rfer Geschw	Freudenberghof Opladen		Sölgern
Helms	Serm Post Huck ngen	Düsseldorff	Schul tzer Ferdinand	Holtmerhof Post		Düsseldorff
Hewen Franz	Sanderhof Baumberg	Sölingen		Huckanen		
Herberg Ieter	Post Langenfeld		Schmitz Gebr	Ne abouken Post Lövenich		Erkelens
			Schmitz Peter	W rath		Grevenbroich
Herzogenrath M chael	Tevelhof Iugendorf Post	Köln	Schmitz Reiner	Evershof bei Neuss III		
	Sionmeln		Schm tz Willy	Stapperhof Lobberich		Kempen
Hoffman Franz	Neus rass Post Herno-	Aachen	Schmitz W	Konradshof Post Rondorf		Köln
	genrath		Schm tz W	Werrich Post Rüdernich		Mörs
Hogerforster Balthazar	Kapellen Post Traar	Mörs	Schm tzer Ernst	Neuböfch Post Rat ngen		Düsseldorff
Höferforster Max	Hörmannshof Kapel	Mörs	Schüller Peter	Bergerhausen Post Latz		Bergheim
	len Post Traar			beim		
Hollands Wwe He nrich	Reeserwardt	Rees	Schürmann	Droschenhof Niep Post		Mörs
Hütten Franz	Hatten M hr	Rees	Schul e-kemna, W. helm	Dülmshof Kraw		Essen
Jackels Hermann	Iengraben	Erkelens		Leithe Post Wat enscheid		
Joestsche von Gutsver-	Haus E k holz, Post Wes-	Hom	Schyms, Josef	Post Hasenfeld bei Cöslar		Jülich
wal von	seling					
Jusser Pferdeucht verein	Helmeshof bei Capellen	Geldern				

Rhineland Draught Horse Breeders (cont.)

PROMINENT BREEDERS

Sechtern Josef Sevelen Vermoner Pferdezuchtverein	Grauburg Post Sechtern Kreis Bonn Sevelen Geldern	Velth Heinrich Verbücheln Paul Vohwinkel Ludwig Waldermann Jakob Wessels Karl Westerfeld Paul Wirtz Heinrich Wyren Geschw Zähres Ernst	Bergerhof Post Rommerskirchen Heeren Post Haldern (Rhld) Willich St. Hubert Groß Helderloh Post Haldern Rödingen Haus Obendorf Post Elsdorf Hasselbeck Post Kettwig (Rhld) Ahrburg Goltzheim Post Dülren	Kreuzberg Rees Krefeld Kempen Rees Rees Jälich Berghaus Mettmann Düren
Struff Theodor Tetschels Gerhard Theis Heine Troost Rudolph Unterhansberg Heinrich	Winternam Post Nieukerk Hans Staade Post Kettwig (Rhld) Croß Quithövelshof Post Geldern St. Hubert (Gemeinshof) Kuhhaus Post Hellgenhaus Umstand Buchholz Post Kettwig Quithövelshof Post Geldern	Geldern Essen Rees Geldern Kempen Mettmann Essen Geldern		
Veertier Pferdezuchtverein		Zickel Joseph		

SCHLESWIG HORSE BREEDERS ASSOCIATION

Verband Schleswiger Pferdezucht Vereine Husum, Schleswig

PROMINENT BREEDERS

Andersen — Bühmann A. Christiansen H. Denker E. Dethlefsen Hans Hansen Hans Hunzigen L. Jessen — Jochimsen J. Jochimsen H.	Westerholm Sterup Kottenbull Tönning Goldlund Bredstedt Desmiers reskoog Bredstedt Friesmark Suderlugum Immensstede Schwane Sande Niebüll Tinnegstedt Leck Soholmbruch Langenhorn Bredstedt	Jürgensen Johs Lorenzen L. Matzen P. Nielsen P. Petersen Georg Petersen Wihl Schmidt — Spreckelsen B. Thöming J.	Husum Nordlum Bredstedt Röderhus Husum Söderlugum Bredstedt Wagard H. x bül Boltst Sterup Kathannherd Hamdorf
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HANOVERIAN ASSOCIATION OF DRAUGHT HORSE BREEDERS

Hannoversches Stammbuch für Kaltblutige Pferde, Göttingen Hannover

PROMINENT BREEDERS

Aue C. Bahr H. Baues H. Bartels G. Boes H. Brandt F. C. Dehne — Ewers F. O. Fricke F. Graf C. Hartman — Heitmüller — Hermann A. von	Feldbrunnen Suderwittinger Kakerbök Dolven Hohenhameln Solingen Neuedelum Höckelheim Luttrngshausen Marienburg Adolfsbsh Leuthe Dingelbe	Osterode Harz Wittingen Hannover Wittingen Hannover Schulde Hannover Kr. Peine Ustar Garbolzum Nörthum Münden a. Delster H. Idesheim Hamelerwald Gehden Hannover Garbolzum	Hille — Kröger A. Köster — Leinemann C. Müller — Nagel H. Piepmeyer H. Prusse — Sindram W. Schmidt Fr. Stewe — U. belsen M.	Beienrode Stadort Caldingen Schellerten Grohude Eime Vessinghausen Anderten Uehde 10 Moringen a. Soll Behrensen Remshof	Göttingen Elstorf Hannover Prethen Leine Garbolzum Kr. Hameln Kr. Gronau Hardenberg Müsburg Hannover Osterode Harz Cuppenbrugg Göttingen
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ANHALT ASSOCIATION OF BREEDERS OF GERMAN DRAUGHT HORSES

Verband für Zucht des deutschen Kaltblutpferdes in Anhalt, Wolfgangstrasse 5 Dessau, Anhalt

PROMINENT BREEDERS

Gestüt Amersdorf Deetz Gerlebogk Landau Hansdorf	Herrman — Grasskopf — Sauerbri ch — Barth — Piecher E.	Amersdorf Deetz Gerlebogk Maasdorf Hinsdorf	Gestüt Maasdorf Radslieben Roschwitz Wörzburg	Schüler — Schreier — Grobe — Nette —	Maasdorf Radslieben Roschwitz Wörzburg
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ASSOCIATION OF BREEDERS OF THE HOLSTEIN HORSE

Verband der Züchter des Holsteiner Pferdes Elmshorn, Holstein

PROMINENT BREEDERS

Abshaks J. Böhmann Paul Eggers Heinrich H. Hermann (Lümann Paul)	Sommerländer Moorkufen Gross Ränpen Burgemoor Elskop	Krempe Herzborn Reidenfleth Elmshorn Krempe	Jbs Wilhelm Oldenburg Hermann Reimers Heinrich Thornshöden Mart Witt Hans	Raunemoor Hödenwisch Störf Moorschen Blankenmoor	Marne Wendburen Walster Nettendorf
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EAST PRUSSIAN STUD BOOK ASSOCIATION OF BREEDERS OF DRAUGHT HORSES

Ost-preuss. Stutbuch für Schwere Arbeitspferde Schubertstrasse 15, Königsberg, Preussen

PROMINENT BREEDERS

Andres Gust	Reichfelde Altfelde Marienburg	Ost Preussen	Möller Holikamp Max	Junkerken Rössel Rastenburg	Ost Preussen
Anbuth Rob	Jubenhof Ludwigsvalde Königsberg		Neuwald John	Johannsburg Gr Bossau Rössel	
Ankermann Rob	laams Korschens Rastenburg		Ohm —	Maternhof Arnau Königsberg	
Kartel Heinrich	Reichfelde, Altfelde Marienburg		Radau Hugo Schönau	Hogendorf Braunsberg	
Kartel Otto	Grünau Marienburg		Rempel Walter	Grünau Marienburg	
Meise Aloys	Demuth Hogenhof Braunsberg		Röbberter —	Rosenhart Mehlsack Braunsberg	
Mudau Emil	Kieffell Hohenau Braunsberg		Romanowski Arthur	Mehlsack Braunsberg	
Blum John	Rüben Samsberg		Romanowski Paul	Adt Morren Perwitten Heiligenbeil	
Born Heinrich	Dommeikum Domnau Bartenstein		Romanowski Otto	Regitten Braunsberg	
Brandacker, Gustaf	Dommeikum Pr Eylau		Saager Arthur	Ramsen Kobbeldude Königsberg	
Buchholz Franz	Schönau Hogenhof Braunsberg		Schmer Wallemar	Crimitten Iowinden Königsberg	
Fr Paul	Armsdorf Heilsberg		Schulz R	hanten Schugstein, Fischhausen	
Getzen Fritz	Hoggenhöfen Terranova Elbing		Schumann —	Roggenh. Seerappen Fischhausen	
Gutsverwaltung Althof	Odolacken Odolacken Insterburg		Siegried —	Kolkem Barten Rastenburg	
Gutsverwaltung Mollwitten Pr Eylau			Siemund —	Dargau Pr Holland	
Heinrich Calmbach	Powarn Fischhausen		Steffen —	Rosenwalde Peterwalde, Braunsberg	
Heilholz Bernh	Gr Monndorf Rössel		Stenbrück	Kaiser Alt Mark Vester, Stuhm	
Hilft Gustav	Allenau, Friedland Bartenstein		Störmer Franz	Starkenberg Gr Landenau Wehlau	Ost Preussen
Hoenig Condehen	Kuggen, Königsberg		Szymonski von —	Klosternehen Friedland Bartenstein	
Hoenig —	Senkitten Bischofstein Rössel		Valentin —	Heinrichshof Pr Eylau	
Alfke Erich	Bethendorf Frauenburg Braunsberg		Wassner —	Kl Körper Langwalde, Braunsberg	
Kruse Franz	Schulen Wuslack Heilsberg		Wormer, Bertha	Gr Hohenrade Heiligenwalde Königsberg	
Lepchke Paul	Gr Scharlack Labiau Labiau		Zerrath Hans	Heinrichau Braunsberg	
Lindenblatt Bernh	Plaussen Bischofstein Rössel			Jäger Tactau Promitten Labiau	

ASSOCIATIONS FOR THE DEVELOPMENT OF RIDING AND DRIVING AND TO PROMOTE RATIONAL CARE OF THE HORSE

(Members of Reichs Verband für Zucht und Prüfung Deutschen Warmbluts)

Reit- und Fahrschule	Marienburg	Reit- und Fahrschule	Halle a S
Greifswalder Reiter Verein	Greifswald	Reit- und Fahrschule	Hildesheim
Reiterverein	Ge lenkirchen Hünshoven	Reit- und Fahrschule	Hoya a Wes
Hanseatische Sport- und Zucht Verein	Han burg	Reit- und Fahrschule	Insterburg
Reitverein	Heffen n	Reit- und Fahrschule	holberg
Veränderter Reitverein	Jever i Oldbg	Reit- und Fahrschule	Lehrstinesland
Ruhr Lenne Reiter Verband	Jerlohn	Reit- und Fahrschule	Lut a W
Ludwigsruher Renn- und Turnier Verein	Ludwigslust	Reit- und Fahrschule	Lophorn
Arc reitverein Oletsko	Marggrabow a	Reit- und Fahrschule	Braunschweigischen
Pferdezuchtverein des Kreises Lüdinghausen	Nordkirchen		Landgestüt
Turnierverband	Wauern	Reit- und Fahrschule	Leunig
Schwäbische Reiterverein	Stuttgart	Reit- und Fahrschule	Halle i W
Verband der Reit- und Fahrvereine	Celle	Reit- und Fahrschule	Neubrandenburg
Reiterverein	Beekow Storkow	Reit- und Fahrschule	Stormarn
Pferdezucht- und Sportverein	Ohlau	Reit- und Fahrschule	Schwarme
Norddeutsche Verein für Zucht Deuts Bluts	Hamburg	Reit- und Fahrschule	Viageburg
Königliche Verein für Pferdezucht	Fulda	Reit- und Fahrschule	Societ i W
Turnier Kartell	Ba i Plymouth	Reit- und Fahrschule	Leizen Isenhausen
Pferdezucht- Reit- und Fahrverein	Lippstadt	Fahr- und Reitklub	Jadestadt
Renn- und Reiterverein	Twistr ngen	Renn- und Reiterverein	Theilinghausen
Rosstocker Pferdesport- und Rennverein	Rosstock	Landesverband der Reit- und Fahr Vereine	Hamburg
Turnierleitung	Wilhelm sburg	Reiterverein	Zeven
Verein für Zucht- und Leistungsprüfungen	Bad Oeynhausen	Stralsunder Reit- und Fahr Verein	Stralsund
Reiterbund der Provinz Sachsen und des	Labes	Reitklub	Hagen i W
Freistaates Anhalt	Uthmoden	Reitervereine der Grafschaft	Kupj n
Reitklub	Zeitz	Reitervereine	Zau n Helzig
Reit- und Fahrverein	Torgau	Reitervereine	Regensburg
Reit- und Fahrverein	Auerbach i Agtl	Pferdezucht- und Turnier Verein	Sul gen
Reit- Fahr- und Pferdezuchtverein	Hollenstedt	Landbund Reiterverein	Othavelland
Oberlausitzer Reit- und Fahrverein	Hollenstedt	Pferdezuchtverein	Striegau
Reiterverein	Kro anke	Ostpreder Reiter Verein	Onsdode
Reiterverein	Klausen	Zucht- Reit- und Fahr Verein	Regensburg
Turnierleitung	Fittlar	Gothar Reiter Verein	Cotha
Arbeitsgemeinschaft der Zucht und	Vinden Ravensberg	Reiterverein	Hallberstadt
Fahrvereine		Gleiwitzer Reiter Verein	Gleiwitz
Tilsiter Reitverein	Tils i T	Wesbadener Reit- und Fahrklub	Wesbaden
Kieler Reit- und Reiterverein	Kiel	Pferdezuchtverein	Melle Iburg
Hinter pommerische Reiterverein	holberg	Reiterverein	Wissenfels
Pferdezucht- und Reiterverein	Lübbowen	Reit- und Fahrverein	Schölen
Einmarter Reiterverein	Wismar	Verband der Fahr- und Reitervereine	Amshach
Reitverein	Drenstedeuf	Verein zur Förderung der Warmblutzucht	Regensburg
Reitverein	Celdern	Südpfälzische Reitverein	Landau
Reit- und Fahrverein	Jaderborn	Reiterverein	Wurzberg
Reiterverein	Wismar	Reitklub Loosdort und Lungegend	Loosdort
Vorier i Fahr sche Pferdezuchtverein	Wismar	Verband der Lippischen Pferdezüchter	Lippstadt
Reit- und Fahrverein	Wismar	Reiterverein Timmendorf und Lungegend	Tim mendorf
Reit- und Fahrverein	Wismar	Turnierverband Ostpremmern	St p i Pomm
Reit- und Fahrverein	Wismar	Nassensberger Reiterverein	Wismar
Reit- und Fahrverein	Wismar	Westpreussische Reiterverein	Königsberg
Reit- und Fahrverein	Wismar	Potsdamer Reiterverein	Potsdam
Reit- und Fahrverein	Wismar	Reiterverein	Alten Leine
Reit- und Fahrverein	Wismar	Turnierverband	Wismar
Reit- und Fahrverein	Wismar	Landesliche Reiterverband	Haren (Fm)
Reit- und Fahrverein	Wismar	Lübeck Travemünde Reiterklub	Lübeck
Reit- und Fahrverein	Wismar	Malische Reiterverein Zwickau	Wismar
Reit- und Fahrverein	Wismar	Reiterverein	Wismar
Reit- und Fahrverein	Wismar	Landwirtschaftliche Zentralverein	Maryenburg
Reit- und Fahrverein	Wismar	Westpreussische	Wismar
Reit- und Fahrverein	Wismar	Karlshorner Reiterverein	Karlshor

Stud Book Association of



Breeders of the Trakehner Horse in East Prussia.

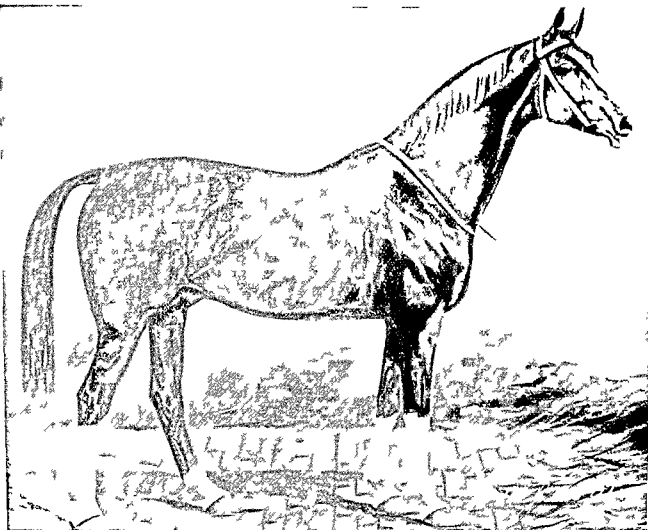


Only existing Association of Breeders of the East Prussian Full Blood Horse

Breeders aim at producing a hardy enduring easily sustained Horse of general capacity and pure blood

Stallions are submitted to Tests prior to admittance for Service at the Government Stallion Performance Testing Establishment at Zwion near Georgenburg

Exact Stud Book Entries for Stallions Brood Mares and their Progeny guarantee systematic control of Pedigree



Ostpreussische Stutbuchgesellschaft Fur Warmblut
TRAKEHNER ABSTAMMUNG,
Schubertstrasse 15, Konigsberg in Preussen.

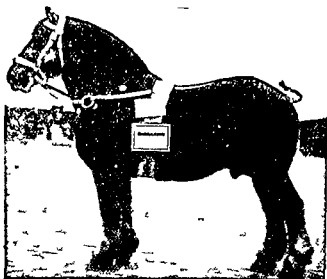
Stud Book Association of BREEDERS of The East Prussian Draught HORSE

A Society comprising 1,800 East Prussian
Breeder and 80 Stallion Breed Depôts
800 Stallions entered 6,000 Brood Mares

The rough climate and superb dry
pasturage ensure hardihood

MONTHLY SALES WITH AUCTION

The Association is always prepared
to negotiate sales



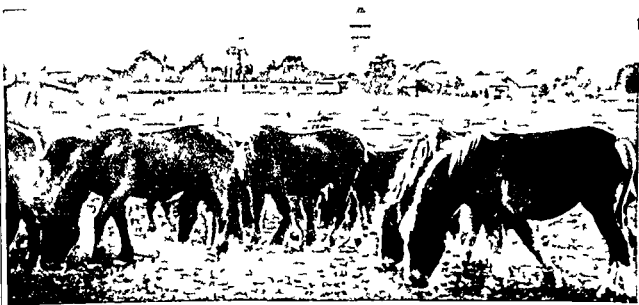
The East Prussian Heavy Draught
Horse illustrated

Enquiries solicited

Please address letters to

"Ostpr. Stutbuch Fur Schwere
Arbeitspferde E V"

Schubertstrasse, 15,
Konigsberg, Preussen



The Chamber of Agriculture for Province East Prussia

Landwirtschafts Kammer Fur die Provinz Ostpreussen

DEPARTMENT FOR SHEEP BREEDING

A—ASSOCIATION OF BREEDERS OF THE EAST PRUSSIAN MERINO SHEEP

A type of Sheep equally prominent for Wool and Mutton Production

Breed
Animals
always
for
Sale

Correspon-
dence
invited



Letters should
be addressed
to
Merino-
Fleischschaf-
Zuchter Verein
in
Ostpreussen,
Rhesastrasse 4,
Königsberg,
Preussen

□

Breeders aim is "A" quality Wool and Early Fattening

□

Excellent
Stud
Animals
of the
Black faced
Sheep Breed
supplied

Correspon-
dence
invited



Please address
enquiries to
Verein Fur
Veredelte
Schwarz
Kopfige
Fleischschaf-
zucht
in Ostpreussen,
Rhesastrasse 4,
Königsberg,
Preussen

B—ASSOCIATION OF BREEDERS OF THE EAST PRUSSIAN BLACK FACED SHEEP

Breeders aim is "C" quality Wool and Finest Mutton

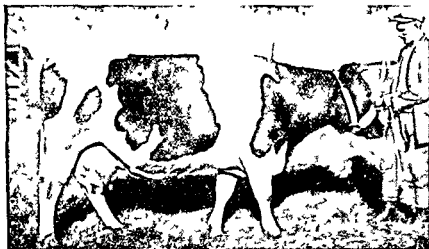
The East Prussian Herd Book Association of Friesian Cattle Breeders.

Office : HÄNDELSTRASSE 2, KONIGSBERG, PREUSSEN.

More than
200 000 Animals
Registered.

Breeders' Aim
Greatest Body
Development,
Largest Milk
Yield,
Robust
Constitution
Beautiful
Exterior

Since 1900
Obligatory
Tuberculin
Testing according
to the Ostertag
System



Control of Milk
Yield Obligatory.

Monthly
Auctions of
Pedigree Cattle
at Königsberg
General Sales
Average of
150 200 Bulls
200-400 Cows
and Heifers

Picture of the Cow ZEPHIR 137,772 " East Prussian Herd Book
No 43 German Dairy Cattle Performance Register A L " 9 920 Kilos of Milk, 3 92% Fat 389 2 Kilos Butterfat

Herb for Breeding the Black-White Low-Land Cattle in East Prussia.

Herdbuch Verein für das Schwarzweisse Tiefland Rind in Ostpreussen E.V.
Wilhelmstrasse 7, Insterburg, Ostpreussen.

ENQUIRIES SHOULD BE ADDRESSED TO THE OFFICE AT INTERBURG
Since Foundation of Association Obligatory Milk Production Control and Tuberculin Test

The Association
promotes breeding of
animals with high
milk yield and of
robust constitution
besides ability to
profitably turn
rough food into
meat and fat
and adaptability
under new
conditions.

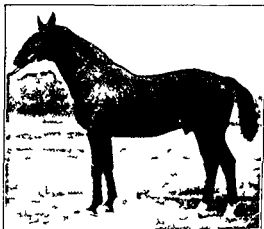
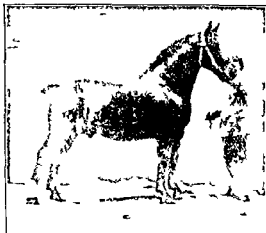


Top Performance
registered in the
German Dairy Cattle
Performance
Register".
9 481 Kilos MEK,
471% Fat,
446 4 Kilos Butterfat,
i.e., over 1 000 lbs
Butter

The Association arrange monthly auctions of Breed Animals held at its own Premises. Guarantees of
Performance of Exhibited Animals These sales comprise 300-500 animals of which one-quarter are bulls,
three-quarters cows and in-calf heifers.

The General "Association for Breeding & Testing of Performances of the German Light Horse"

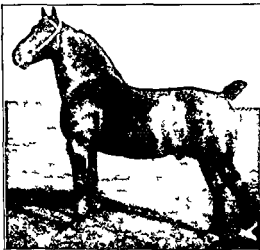
Der Reichsverband für Zucht und Prüfung deutschen Warmbluts,
TAUENTZENSTRASSE 7, BERLIN W.



Represents all Breeds of the German Light Horse embracing 27 separate Horse Breeds Societies spread all over Germany with over 10,000 individual Members interested in Horse Breeding and Sport besides some 400 Associations for the Promotion of Horse Breeding and Training.

The Association is the exponent of Germany's Light Horse Breeding Industry and acts as a CENTRAL INFORMATION BUREAU FOR HORSE BREEDING SALES AND SPORT where managers and controllers of the whole SYSTEM OF HORSE MATERIAL TESTING in the Country meet every year some 4,000 Performance Tests occupy 100 days are carried out. About 50,000 Light Horses participate in these Tests.

The Organization arranges every year in February and May at Berlin

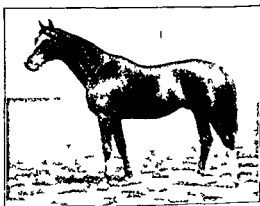
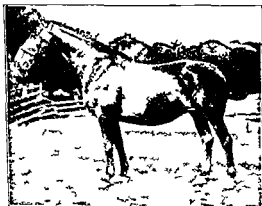


large International Tournament at which the various Light Horse Breeds can be studied in their performances as well as in regard to the different types of uses.

The Organization likewise arranges every year largely attended Stallion Fairs held all over the various Breeding Districts.

Through the assistance of the Organization every Type and Category of German Horse can be obtained such as REMOUNTS FOR THE CAVALRY AND ARTILLERY SERVICES, HALF BREDS FOR RACING, STABLE HUNTERS AND SADDLE HORSES OF EVERY WEIGHT requirements, excellent HORSES FOR TOURNAMENTS, CARRIAGE HORSES, STALLIONS, BROODMARES AND FOALS.

Correspondence and enquiries should be addressed to the Association through which Purchasers are advised as to sources of supply.



The PRESIDENT THE GENERAL ASSOCIATION for BREEDING & TESTING of GERMAN LIGHT HORSES v ZITZEWITZ WEEDERN

The Manager DEPARTMENT for BREEDING
G. RAU

The Manager DEPARTMENT for TESTING
AUG. ANDREAE

The Oldenburger Horse Breeders' Association

OLDENBURG, in OLDENBURG, GERMANY.

An Organisation for Breeding under Government Supervision
with 40,000 Horses registered in its Stud Book.



ASOCIACIÓN DE CRIADORES DE CABALLOS DE OLDENBURG, OLDENBURG, ALEMANIA.
Asociación de Criadores Organizada por el Estado.
40,000 caballos registrados en el Stud Book.

Los caballos Oldenburg se han ganado siempre desde 1863 los premios más altos y los campeonatos en todas partes del mundo, y en Alemania siempre se han vendido a los precios más altos.

El propósito de esta cría ha sido producir un caballo pesado de sangre (hasta de 1,700 libras), buena andadura, gran resistencia y noble de carácter, apropiado tanto para tiro pesado como para el liviano.

En el Stud Book se encuentran Pedigrees que se remontan hasta el año de 1820.

Todos los caballos registrados están marcados con una O y una corona en el lado izquierdo.

La correspondencia deberá dirigirse a la Asociación, Oldenburg. Presidente: Consejero D. Wilken.

STAATLICH ORGANISIRTER VERBAND DER ZUCHTER DES OLDENBURGER PFERDES.
SITZ OLDENBURG i/O.

40,000 im Oldenburger Stutbuch eingetragene Pferde.

Seit 1863 erhielten Oldenburger Pferde viele erste und Championpreise in Sammlungen und Einzelklassen auf Ausstellungen im Ausland sowie alljährlich auf den größten inländischen Schauen.

Zuchtziel ist der schwerste Warmblüter bis zu einem Gewicht von 1700 Pfund und bis zu 25 cm Rohrenstärke, mit hoher Aktion, Ausdauer und vorzüglichem Temperament, der für jeden Arbeits- und Luxusdienst geeignet ist. Pedigrees gehen bis 1820 zurück. Sämtliche Pferde haben das Brandzeichen (O mit Krone) auf der linken Lende.

Geschäftliche Auskünfte erteilt jederzeit die Geschäftsstelle des Verbandes, Oldenburg i/O.

Oldenburg Horses have been awarded numerous First and Champion Prizes for Exhibits in Groups and Classes at many Exhibitions in various countries.



At Amsterdam	1884	At Paris, World Exh.	1900
" Buenos Ayres	1886	" Rowstow	1901
" Chicago	1888	" Charcon	1903
" Buenos Ayres	1890	" St. Louis, World Exh	1904
" Chicago, World Exh	1893	" Moscow	1904
" Sydney	1897	" Pattawa	1903
" Buenos Ayres	1898	" Buenos Ayres	1910
" Moscow	1895	" Madrid	1926
" Port Elisabeth	1896		

From 1863 in Germany, until the present day, the Oldenburg Horse has continuously fetched the Highest Awards.

The aim of the Breeders is a heavy (up to 1,700 lbs.) Blood Horse, of 25 cm., with good action, of great endurance and good temper, suitable alike for any kind of heavy or light work. The Stud Book traces Pedigrees as far back as the year 1820. All Horses branded with O and Crown.

Correspondence Invited.

Association's Address: OLDENBURG in O., GERMANY.

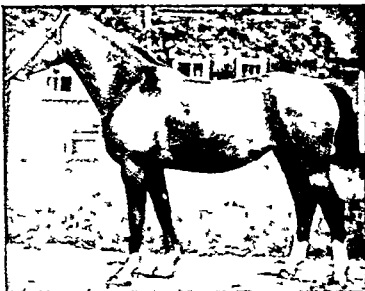
President: COUNCILLOR D. WILKEN.

Association of Hanoverian Breeders of Warm-Blood Horses

"HANNOVERSCHE STUTBUCHGESELLSCHAFT"

HANNOVER, Leopold-Strasse No 10

The Association's aim is the breeding of a strong Warm Blood Horse capable of performing every kind of Agricultural work, yet possessing all the qualifications necessary for constituting it an ideal Riding- and Coach Horse.



The Association's STUD BOOK contains over 20 000 ENTRIES, Tests and Performances recorded at 50 Shows and Racecourses.

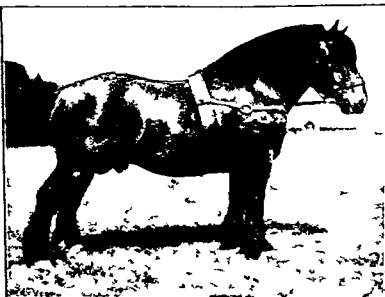
The Association publishes its own Journal—
The Hanoverian Horse.

The Association undertakes Sales and Exchanges of Breed-material and Utility Horses of all kinds through the assistance of Expert Breeders

Chamber of Agriculture for Rhineprovince

60, ENDENICHER ALLEE, BONN, RHINELAND
(Landwirtschaftskammer für die Rheinprovinz Bonn 60 Endenicher Allee)

The Rhineland Draught Horses are Everywhere Awarded Highest Prizes



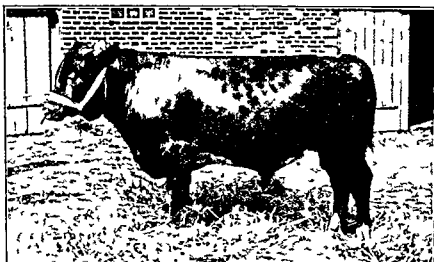
Reciprocally For the Benefit of Breeders and Purchasers alike THE CHAMBER of AGRICULTURE for the RHINEPROVINCE, 60 Endenicher Allee BONN (Telephone 24 0 have inaugurated a HORSE SELLING DEPARTMENT.

Station "NERVUS von GOLZHEIM.

GEMEINNUTZIGE Verkaufsberatung und Vermittlung durch die PFERDE—ZENTRALE der Rheinischen Landwirtschaftskammer BONN Endenicher Allee 60 Fernruf 2410

Association of Schleswig-Holstein Societies of Breeders of Shorthorn Cattle. Founded 1898.

BREEDERS
AIM AT
PRODUCING
EARLY
MATURING
CATTLE OF
HEAVY BUILD
AND SATIS-
FACTORY
MILK YIELD



COUNCILLOR
REEDER,
PRESIDENT,
Tonning,
Kr. Eiderstedt,
Schleswig-
Holstein
GERMANY
—
Association's
Office
HUSUM,
Neustadt 82

Pedigree Shorthorn Bull FRANZ " KVS 8807 Born July 29 1927
Sire " Great Scot 1590 " Dam Else 1708 "
Breeder Mr Cornelis K Peters Tetenbüll Kreis Eiderstedt Provinz Schleswig Holstein

Verband Schleswig-Holsteinischer Shorthornzüchter Vereine.
GEGRÜNDET 1898

Herd Book Association of Breeders of Angler Cattle.

HERDBUCH KONTROLL VERBAND ANGELN E.V.

Suderbrarup, Schleswig-Holstein, Germany.

**Invites Cattle Breeders' attention to the beautiful
middle weight**

RED ANGLER CATTLE

Remarkable for Robustness, High Milk Production and
ability to convert their feed into Fat, Milk and Beef.

Average Production of 16,000 Controlled Cows during last year:
3,391 Kilos of Milk, 3.47% Fat, 117.52 Kilos Butterfat.

CORRESPONDENCE INVITED.

Herdbuch Controll Verband Angeln, Adr.: Süderbrarup, Schleswig-Holstein, Germany.

THE FRIESIAN DAIRY CATTLE BREEDERS' ASSOCIATION: THE JEVERLAND HERD BOOK SOCIETY, JEVER in OLDENBURG, GERMANY.

Oldest Breed Association in the North-west German Marshes for Breeding the German Black and White Dual-Purpose—High Milk Yield and easily Fattening—Dairy Cattle.

Society Founded
October 7th, 1878

Breeders Aims
Highest Milk Yield
Beautiful Body
Build,
Strongly developed
Forms and bones,
Robust Constitution. Ability to
acclimatise under
new conditions



Cow "TULLINE 64034"

The Association regularly exhibits its Breed Animals at the German Agricultural Society's Annual Shows and continuously obtains Highest Awards.
Interested Visitors are cordially invited to inspect Breeders' Herds in the Jeverland District. Expert guides will conduct the visitor on application to the Breed Association, Jever, Oldenburg, Germany

Animals can always be acquired through the Association's Authorized Agents

Mr. JACOBUS DAUN, Farmer, Addr. Grashaus, Jever, Old.
" JOHANN GRIEFENKERL, " " Reuseburg, Jever, Old.
" JAKOB HARMS, " " Gr. Werdim, Hohenkuchen, Old.

Milk-yield
Performances
regularly controlled
by the Association
of Jeverland's
Dairy Cattle
Control
Associations
Periodical Pedigree
Cattle Sales

THE LOWLAND CATTLE IN OSTFRIESLAND

attain the Breeders' Highest Points of Perfection Highest Milk Yield, Satisfactory Fat Percentage, Deep Body Build

AWARDED

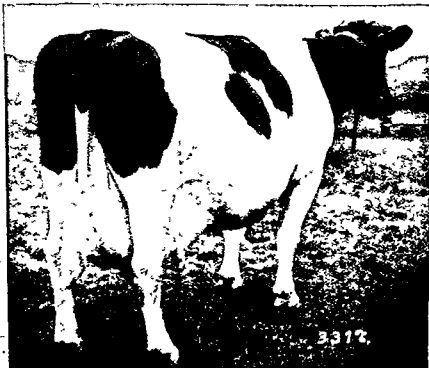
The "German Agricultural Society's" First and Victory Prizes at the Ambulating Show at Hamburg, 1924,
" " Breslau, 1926,
" " Dortmund, 1927,
" " Leipzig, 1928

For Large Exhibits of the Breed

Correspondence Invited

Letters should be addressed to The Breed Director, Verein Ostfriesischer Stammevielerzüchter, Norden, Ostfriesland, Germany

Only existing Association of Cattle Breeders in Ostfriesland



The Ostfriesian Victory Cow
"FROHSINN" 78879.
Born April, 1915
Breeder: G. Herbolz,
Gr. Sande
Owner: H. Herbolz,
Gravel

Numerous Prizes locally
Awarded Leipzig 1923
Highest Prize for Performance at the "German Agric. Society's" Show.
Registered in The German Dairy Cattle Performance Register (Alt. Ala 99 and Alb 83).

Performance 1927-28,
365 days:
10,935 Kilos. Milk.
445.3 " Milk-Fat.
4.07 %
= 498 4 Kilos. Butter-fat.

ASSOCIATION OF BREEDERS OF PEDIGREE OSTFRIESIAN CATTLE, Norden, Ostfriesland, Germany.

The Oldenburg Wesermarsh Herd Book Association.

Oldenburgische Wesermarsch Herdbuch Gesellschaft E.V.

RODENKIRCHEN

Founded 1880

More than 130,000 Registered Animals

MILK CONTROL OBLIGATORY

3,000 Breeders.

Animals Exhibited by the 'OLDENBURG WESERMARSH HERD BOOK ASSOCIATION,' at the GERMAN AGRICULTURAL SOCIETY'S (D L G)

Shows at HAMBURG, 1924

" STUTTGART, 1925

" BRESLAU, 1926

" DORTMUND, 1927

WERE AWARDED

5 VICTORY PRIZES

11 HONOUR "

28 FIRST "

30 SECOND

7 THIRD

1 FOURTH

22 HONOURABLE MENTION

and 2 First and 1 Second Prizes at the Grand Exhibition with Breed Auction and Prize-Awarding in Rodenkirchen Province Oldenburg

Sole & Exclusive Agent

RUDOLF BECKER, Gafontstrasse 14, Nordenham, Oldenburg
Telephone No 533 Amt Nordenham



in OLDENBURG.

Breeders of sound, high-milking, beautifully developed, heavy Wesermarsh Dual-Purpose Cattle (milk & easily fattened) of type German Black-White Low-Land Breed.

The Co-operating Bavarian Herd Book Associations and Societies of Breeders of the Spotted Bavarian Cattle

Registered Office MUNCHEN BAYERN

Comm. Office PASSAU, NIEDERBAYERN

Offer German Alpine Cattle

of the Simmental Type for Export to European and Overseas Countries.

The Breeders aim is middle weight early maturing deep bodied, broad cattle who easily turn their feed into milk yield meat and work

MAIN POINTS
Easily acclimatizing
Hardihood
Good Grazers.
Robust Health.
Finest Strains.



Cow "TUNELDA"

Enquiries and Correspondence should be addressed

"DIE ARBEITS
GEMEINSCHAFT DER
BAYERISCHEN
FLECK-VIEH
ZUCHT-VERBÄNDE"
PASSAU,
NIEDERBAYERN,
GERMANY.

ASSOCIATION OF BREEDERS OF THE RED-WHITE HOLSTEIN CATTLE.

NEUMUNSTER,
HOLSTEIN,
GERMANY.



Pure Bred RED-WHITE
GERMAN DOUBLE
PURPOSE CATTLE,
MILK and BEEF

Bulls and in calf Heifers of
the very best strains always
for sale

The Breeders Aim is,
High Milk Yield easily
fattened, robust Cattle

Correspondence invited
"VERBAND ROTBUNTE
HOLSTEINER"

RENDSEBURGERSTRASSE 111,
NEUMUNSTER HOLSTEIN
GERMANY

The Schleswig Heavy Draught Horse

IS A PURE BRED EARLY MATURING EASILY SUSTAINED
HORSE EQUALLY SUITABLE FOR LIGHT CARRIAGE AND
HEAVY WORK.



For particulars and Corres-
pondence please apply to

Verband Schleswiger
Pferdezucht Vereine,

Schleswiger Chaussée 11
Husum Schleswig
Holstein Germany

Oldenburg Association of Pig Breeders.

BREED ANIMALS ALWAYS FOR SALE

The "German Agricultural Society" at its 1927 Exhibition and
the Fat Stock Show at Cologne in 1927 awarded the Highest Prizes
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Livestock Breeding in Greece.

The Live Stock estimate for Greece states · cattle 681,000, sheep 5,805 000, pigs 418,000, horses 175,000

In ancient times the reputation of the Greek live stock breeder was high and his skill held in great respect among the various nations populating the Mediterranean Basin, the horses from Hellas being considered among the best, and a great trade was long carried on between Greek breeders and the countries of Europe. The Greek sheep were also considered of particular value, and some of the cattle breeds early enjoyed reputation as fine reproducers. In the thirteenth and fourteenth centuries, most of their cattle were entirely white in colour, with large horns, not unlike the present day Park cattle in England. The Greek goat was likewise considered one of the best in Southern Europe, and agriculture in Greece was long looked upon by her neighbours as particularly remunerative. To-day her agriculture is in many parts of the country in a more or less neglected state. Of the total area, about 25 500 square miles, one seventh is under cultivation. The chief products for home consumption are wheat, barley and rye and for trading purposes, tobacco and the currant crop, which yearly reaches such large quantities as from 160 000 to 170 000 tons. A considerable article of trade, the acorn from a certain species of oak tree, is prepared for tanning purposes, probably reaching between 6 000 and 7,000 tons every year, yielding a considerable source of income.

Most of the territory is mountainous and most of the Grecian islands are disrupted parts of the main land, where earthquakes are always threatening. Between mountains and hills are fertile valleys where the olive, the fig, the currant grape, oranges, pomegranates and other fruits of exquisite quality grow, and where sheep breeding is remuneratively carried on along pastures of great luxuriance. The bee keeping industry is greatly developed. The mining industry, once upon a time of considerable value, has been more or less neglected for very many years. During the last hundred years the Greeks have considerably increased

their maritime and commercial intercourse with other nations, and since mediæval times the Greek merchants have enjoyed world reputation for commercial and financial skill. The population is now about 22½ million, of which nine tenths are Greeks, the rest Albanians. Having suffered considerably during the war, and afterwards, Greece has during the last few years enjoyed stable Government and indications point towards more tranquillity. Up to a recent time one of the greatest drawbacks in the country was the lack of a proper road system, preventing access to more remote places. Now, however, a system of new main roads, acting as arteries throughout the country, is being constructed, and the reawakening interest for live stock breeding bodes well for the future. Greece is, however, still faced with serious problems resulting from the critical period following after the war, with her territory doubled, while the population seems to lack consolidation. In Western Thrace, a part of Greece, the population is mainly Moslem. Agriculture in this part of the country has always been a remunerative pursuit, and thanks to the efforts of the Government, and through co operation with the inhabitants, several hundreds of new villages have lately sprung up, housing a population of small farmers, all of whom are now busily cultivating small holdings. Thus probably nearly 150,000 new farms have been laid out, each of from 6 to 20 acres, and there will most certainly be a field for improved live stock breeding among these many new agriculturists, especially in regard to sheep rearing, and opportunities for breeders of Pedigree stock should be studied. Regarding cattle, there is very considerable room for improvement, and the Government are contemplating a scheme through which financial assistance will be granted for inauguration of Bull Depôts in various districts. Speaking generally, it may be remarked that Greece is now emerging from a very critical period and that all signs point towards permanency of improvement.

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Horse Breeding in Greece

By COLONEL V SOPHANIANOS Secretary Jockey Club Athens.

The question of Horse Breeding in Greece is controlled by the Bio Technical Section of the Ministry of Agriculture who for the last few years have been assisted in the improvement of the breeds of horses by the Jockey Club which being established by Law in 1925 now exercises the practical function of control. In conjunction with the Government the Jockey Club likewise controls all the Horse Races throughout Greece and has the entire supervision of breeding of Thoroughbreds in its hands. So far experience has shown that horse breeding in Greece carried on on lines adopted by the Agricultural Department is in the right direction and it is hoped that during the next ten years or so better horses may be bred.

From the outset the Government have aimed at creating a type of horse suitable for the agricultural needs of the country and taking into consideration the natural conditions pertaining it has been found that the ideal horse for the requirements of the Greek farm should be a rather small sized but strong one. After having spent some time on coming to this decision the Government have now established Depots spread all over those parts of Greece where the best breed material is produced. At these depots fifty stallions are now being kept of which the majority are pure-bred Hungarians but a few cross bred stallions are also used for service on the native brood mares. Only a few Arabs or Anglo Arab horses are kept at these depots. The annual production may now be estimated at some 1,000 colts. In addition to these depots in Greece sixty Hungarian and Serbian cross bred stallions have been lately purchased by the Government and distributed among settlers in Macedonia.

During 1927 a Stud was established in the Calchidic Peninsula near Salonica for the exclusive service of the Greek Army. Here are now stationed six Hungarian cross bred stallions and twenty five brood mares likewise of Hungarian origin. Among breeders of horses who systematically set about their business the following should be mentioned.

The British Lake Copais Company which for many years has bred horses for its own needs chiefly for agricultural purposes. Lately a Stud was established here and this now maintains two Arab stallions and forty brood mares. These are of various origin chiefly Irish Hungarian and Roumanian. A type of Saddle horse is now being bred well proportioned, rather large-sized and the output is so far twenty five colts per annum.

Several horses from this Stud have been lately

running at the Phaleron Horse Races and some of them have carried off very important prizes. This concern also breeds mules of a fairly large size used exclusively for agricultural needs.

On the Zografos estate in Thessaly belonging to M L Malamidis horse breeding has taken place during a number of years. Arab stallions have been used on Hungarian brood mares and a very good type of Saddle horse somewhat large sized has been bred. Orloff stallions have also been used on cross bred brood mares not without success. The management of this estate at present maintains five stallions one Thorough bred one Arab one Anglo Arab and two cross bred stallions from Hungary all of which are utilised for a number of brood mares of divers breeds chiefly Hungarian and a very good large sized Saddle horse is bred here. Some of the cross breeds are likewise running at the Phaleron Races so far with satisfactory results.

At the Modi estate in Macedonia near the Bessyria Lake belonging to M P Stathatos three Arab stallions and a number of Servian brood mares are yearly breeding strong agricultural horses of moderate size.

Thus horse breeding has now been fairly satisfactorily started and it is held that the Phaleron Races will do much good towards encouraging better types of horses.

Among prominent stallions now in use the following should be specially mentioned.

Polychay by Polymdus off Taung belonging to the British Lake Copais Company. Offspring has so far been most satisfactory.

Killet by Honeyba off Lily Lightfoot belonging to M Malamidis. Offspring have been sold to the well known horse owners M A Cambas and M G Apalodimos.

Omai by Nuage off Orkade belonging to M E Efessios a stallion of rare promise maintained chiefly for Thoroughbred brood mares. M Cambas well known horse enthusiast is chiefly making use of his services.

The most active horse breeders are A Cambas of 10 Xenophon Street Athens. E Efessios of 24 Stadium Street Athens and the British Lake Copais Company of 3 Paparrigopoulos Street Athens besides L Malamidis who is now very active in his horse breeding pursuits at the Zografos estate in Thessaly. In the recently established Stud Book of Greece all Thoroughbred horses are registered. During 1928, it is expected fifteen colts of prominent Pedigree will be bred.

Livestock Breeding in Holland.

In this remarkable country where the inhabitants have since time immemorial been battling against the encroachment of the sea, where the soil is naturally unproductive with some 20% of the surface waste land and 8% woodland by magnificent energy and endurance the land has been brought to a remarkably high state of production and agricultural grazing lands now probably count for almost two thirds of the entire area. Wheat of high quality rye oats potatoes peas and beans are the main crops and the sugar beet industry in this country is almost a pattern of what next to live stock breeding the most productive crop of agriculture can be brought to yield. There was a time when the Dutch cattle breeds were considered the foremost of the world and still to-day as dairy cattle they hold a very high position. By means of milk production Holland has immensely increased her well being and strengthened her commercial position in Europe dairy products being one of her never ceasing sources of income. The average Dutch farmer, through energy and endurance has brought his holding to a remarkable degree of perfection, and there is no branch of animal husbandry that is not highly developed. By adopting a system of dykes — Polders — an interesting land winning plan has been carried through and the land reclaimed from the sea has proved of extreme fertility. The greater part of the country is now divided by dykes of which many reach up to 60 ft in height and on these dykes roads have been constructed. Holland is divided into eleven Provinces—Brabant Gelderland South and North Holland Zeeland Utrecht Friesland Overijssel Groningen Drenthe and Limburg which embrace a total area of about 13 000 square miles. Although a small country in area it maintains a large population and is one of the great colonial powers. The history of the country is romantic. After centuries of turbulence and unrest a final settlement was brought about through France intervening in the year 1839 when the outstanding differences with Belgium were settled. Since then Holland has forged ahead in every respect.

According to the latest Live Stock census the estimated cattle stock is about 2 067 000 pigs 1 522 000 sheep 671 000 and horses 365 000 head.

Live stock breeders in Holland arrange every year large live stock shows as a rule largely attended by stock men from all parts of Europe as at these shows the visitor has an opportunity of judging for himself of the high standard attained by the live stock breeder in Holland. The cattle bred in the country are the Black White Friesland Holland breed the Red and White Meuse Rhine Yssel breed the Groningen cattle and the Black-White Friesian cattle bred exclusively in the Province of Friesland.

As regards horses the heavy draught horse one of the best breeds of its type is chiefly bred in the Provinces of Zeeland Limburg and Gelderland while a splendid carriage horse is bred in the Yssel

valley, in the Haarlemmer district in North Brabant, and in the south east of South Holland. In the Province of Groningen a large sized carriage horse is also bred closely related to the Oldenburg East Friesian horse, and in the district of Drenthe a carriage horse is likewise bred of superior quality.

With regard to pig breeding two different breeds are encouraged, the improved German Landrace pig and the Large White Yorkshire Sheep breeding embraces two country breeds—the Texel sheep and the Friesian milking sheep, and one imported the Lincoln Long Wool sheep. As for goats the Netherlands goat is now bred all over the country without infusion of foreign blood.

The following Breeders' Associations control all live stock breeding in the country —

The Netherlands Cattle Herd Book Association The Hague
Het Nederlandsche Rund Vee Surinamestraat 94 s Cravenhage)
The Friesian Cattle Herd Book Associat on Leeuwarden
(Friesch Rund Vee Stamboek 94 Zinderplein 1, Leeuwarden)
The Groningen Cattle Herd Book Associat on Zuidhorn, Groningen.
Central Bureau for Sheep Breeding in the Netherlands Landbouwhuis, Arnhem
Central Bureau for P & Breed in the Netherlands, Arnhem
(Central Bureau voor Vaarkens i okkers) Landbouwhuis s Arnhem)
Het Texel s Hapenstamboek in Noord Holland Landbouwhuis, Kerkplein Alkmaar
Stud Book for the Netherlands Draught Horse The Hague
(Stamboek voor Het Nederlandsche Trekpaard 11 Houwingskade s Cravenhage)
National Society for the Promot on of Horse Breeding in the Netherlands The Hague
(Nationale Vereniging Tot Beoordeling der Paardenfokkerij in Nederland)
Huizeusje 10 s Cravenhage
Provincial Associat on for the Promot on of Horse Breeding in Groningen Stadskanaal
The Drenthe Stud Book Associat on Bareveld Wildervank
The Friesian Stud Book Associat on Zinderplein 94 Leeuwarden
Netherlands Comm ittee for the Promot on of Goat Breeding North Holland (Nederlandsch Comité s Geitenfokkerie Roostmoud)

The Netherlands Cattle Herd Book Association has now a membership reaching 7 400. Breeders of the Black White Friesland Holland breed have during many years exercised the greatest care in breeding with a view of producing excellent cattle and an average of over 5 200 kilos of milk with 3.50% fat during a lactation period of 300 days although not yet attained is the point towards which the Association is working hard. These cattle have remarkably long and well sprung ribs a straight back line broad and wide loins square hind quarters and generally illustrate a beautiful milking animal.

The red and white cattle breed is chiefly remarkable for its dual purpose character being very good milkers and easily fattened. Perhaps the most remarkable feature in this breed is the very short but strong legs and deep body. The average milk yield is very satisfactory and many a cow produces more than 7 000 kilos with up to 3.80% of fat. The Groningen breed is more suitable for beef production than milk but as milkers they show a very fair average production. These three breeds now described, are controlled by a joint Herd Book Association but with separate administration for each breed. The herd book has special entries for cows and bulls which have passed an inspection and found to be in possession of stipulated conditions in regard to outline and build.

A special register accepts entries for animals without official Pedigree. The register for young cattle accepts entries within three days after the birth of the calves when Pedigree and other particulars must be handed in. A special register for preference bulls is maintained. The herd book is issued every year containing records of all inspected and registered animals and their performances.

The Friesland Cattle Herd Book Association consists of farmers in Friesland who are breeders, and about one sixth of the number of stock owners in Friesland, possessing about one sixth of the total number of cattle in the Province, are members of the Association in which over 40,000 head of cattle are entered. The Association guarantees absolutely the Pedigree origin of animals inscribed in the Herd Book concerning which in many instances the Pedigrees can be traced back twenty-one generations.

The Groningen cattle, with an almost black body and a white head, is also a dual purpose breed of very great value for its high milk production and capacity for fattening. Groningen cattle are every year exported to overseas countries in an increasing degree, and the bulls have proved suitable for crossing purposes in many foreign countries. The Herd Book is published every year.

The Texel is the foremost sheep breed in Holland. Its Flock Book is kept at the town of Alkmaar, address Landbouwhuis, Kerkplein. This breed is remarkable for its great fecundity, early development, extraordinary vitality and its ability to adapt itself to various conditions. The mutton from these sheep is excellent while the wool always obtains the highest market prices. The Texel sheep is exported overseas and can nowadays be seen in many a foreign country. The Friesian milk sheep is chiefly maintained for its great milk yield. Of late years Stud animals of this breed have been exported to Latin American countries. The Lincoln Long Woolled sheep is pure bred in Holland where it has developed very favourably. The control of sheep breeding is now centred at Arnhem where a Central Bureau for sheep breeding was formed some years ago by the various provincial sheep breeders' Associations, since when a steady improvement in these three sheep breeds has been registered. Pride of place, of course, the Texel sheep take and they can be described as a remarkably good breed.

The heavy horse, originally called the Flemish horse, has been bred for centuries in the North Sea district. Although a breed with inherent good qualities, its comparatively speaking rapid development during the last thirty years has been brought about through blood infusion from the Belgian heavy Ardenne horses and since the Stud Book Association of breeders of this horse came into being in 1914 an amalgamation of the various provincial Stud Books, the improvement in type has undoubtedly been accelerated. The Association to-day has a membership of over 8,000 with 1,500 serving stallions, 28,000 brood mares and over 55,000 registered foals. No entry is granted a breeder unless the descent can be absolutely proved,

and no foal is registered unless its descent is documented. Since the year 1921 annual Shows take place, and the steady increasing number of visitors at these shows from all parts of Europe, even abroad, who place their orders, testify to the increasing popularity of this beautiful horse.

Breeders of the Carriage horse who are members of the National Society for the Promotion of Horse Breeding in the Netherlands are entitled to look back with satisfaction on many years of very successful work towards improving this type. The Society has already issued more than fifteen volumes of its Stud Books embracing the Netherlands Stud Book for Farm and Carriage Horse, the "Stud Book for the Coach Horse," and the "Netherlands Hackney Stud Book." In the Province of Groningen a very valuable horse has been bred for a very long time, as already stated very closely related to the Oldenburg horse. It is a horse with elegant movements and fine action, while as a draught horse it is, like the Oldenburg horse, suitable for all kinds of agricultural work. A medium sized carriage horse very much of the Groningen type, has long been bred in the Drenthe district where horse breeding has developed to a very high standard. In this district some magnificent horses can be seen. Among Holland's various breeds of horses, one is of a particularly outstanding quality—the Bovenland horse registered in the Friesian Stud Book Association, typically an Oldenburg horse, particularly suitable for breeding in the grassland districts.

While the Large White Yorkshire pig is chiefly prominent in the western Provinces of Holland, the improved German Landrace pig is favoured in the eastern part, including the Province of Friesland. At the Central Bureau at Arnhem all Herd Books for pig breeding are kept, and since 1926 animals of these two breeds can only be entered if they closely conform with the standard descriptions and points adopted and now controlled through the Central Bureau. Until the formation of this, Herd Books were kept in ten different Provinces where conditions were vastly different and Herd Book "points" varied considerably. By forming a Federation of these various Herd Book breeders, pig breeding has taken a turn for the better and the membership now reaches 1,800 actual breeders, locally registered under the Provincial Societies which are—

- Vereen Drentsch Vaarkens Stamboek for Germ. Landrace Pig Assn Drenthe
- Gron. ngeel. Vaarkens Stamboek for Germ. Landrace Pig Noord Gron. Goolen.
- French Vaarkens Stamboek for Germ. Landrace Pig Noordvrande Friesland
- Stichtsch Vaarkens Stamboek for Large White Yorkshire De Ht. Utrecht
- Noord Hollandsch Vaarkens Stamboek for Large White Yorkshire Alkmaar Noord H. Zand
- Zuid Hollandsch Vaarkens Stamboek for Large White Yorkshire Noordvrande Noordvrande
- Zeeuwisch Vaarkens Stamboek for Large White Yorkshire Gorn, Zeeland
- Noord Brabantisch Vaarkens Stamboek for Large White Yorkshire Noord Brabant
- Limburgsch Vaarkens Stamboek for Large White Yorkshire Wyanderveld Limburg

As regards goat breeding the Central Association has now a registered membership of over 18,000.

Prominent Breeders.

DUTCH BLACK WHITE CATTLE

NETHERLANDS HERDBOOK ASSOCIATION 24 SURINAMESTRAAT THE HAGUE

Aarden Jac Krussland N B	Black White Holl Cattle	Koster K Midwond Noord Holland	Black White Holl Cattle
Arts Th Hap N Br	Red	Kremer T Atteveur Drente	,
Bakhus G R Marie Gd		Kuhn H W Naarden Noord Holland	,
Bardouel J Verlingbeck N Br		Kuile B W ter Lonneker Overijssel	,
Barten H J H Beugen N B	Black	Ku per K Oostwond Noord Holland	,
Bax A Zovenbergcheboek N B		Langveld J Lisse Hl	
Becu A Groesde Z		Leenhouts A de H Groesde Z	
Becu de Hul er J B Groesde Z	Red	Logtenberg H J W Dener Ov	Red
Bekkers N c Sttard L	Red	Maaty de W Ithelm na polder W Ithelminadorp Z	,
Beldman W A W he Ov		Martens L Ludveen Overysel	,
Besheuvel Andr N euvenhoorn Zu d Holl	Black	Martens S Beers N Br	
Boekel J P Delft g Gronn en		Meeuwissen C Oor Gastel N B	Black
Boer W Bodegraven Zu d Holland		Nooenen W J Ernst Gulpen L	
Boord t Philips C odhoven N B		Nabben P Sevenum L	Red
Boutma J N Roodeschool Groningen		Nysingh R De Wyk Drente	Black
Brenrk J G Brummen Gd	Red	Oosthoek P C Zu dland Zuid Holland	
Damen G R Leuth Gelderland	Black	Pyntse Wed Buustschap oud Aa Utrecht	
Delden B H van Voorst Gd	Red	Rennel nk G Stenderen Gd	Red
Delman J Hu ssen Terneuzen Z	Black	Reuvekamp L A Mastenbroek Overysel	Black
Doets A Loosdrecht Utrecht		Roer H Gulpen L	
Donk W D Hoornar Zu d Holland		Romvet A Bunde L	
Duynveld J Lisse Jz		Ru jter Brothers Ooster Blokken Noord Holland	
Ebben J Verlingbeck N Br	Red	Ruiten Ant Oploo N Br	Red
Eelkmars Roda B H DeWyk Drente	Black	Schellhorn P D van Veen U bu ren Groningen	Black
E Laugel E Len Noordbroek Gron gen		Schoek J Weningerwaard Noord Holland	
Gest cht Koningslust Helden L	Red	Schoonman J D Brunnen Gd.	Red
Grif D v d Baarn Utrecht	Black	Schrijver A Nybroek Gd	
Groneman T A F W en erwaard N Holl.		Slipenbeck A Th W Erlecom Gelderland	Black
Haan L N H Sttard L	Red	Slob G Go ddran Zu d Holland	
Haar J ter Slaphorst Ov		Speelman H W Bodegraven Zuid Holland	
Haa J ter De Wyk Drente	Black	Stapel H DeWyk Drente	
Hakvoort J A T Hummels Gd	Black	Stegeman W Olst Ov	Red
Hansen A Feldhuizen Utrecht	Black	Stob W Oversingeland Zu d Holland	Black
Hare J ten Noordbroek Gron gen		Tevickel Boerd Amlet Deldon Ov	Red
Harsenbergh H Wi he Ov	Red	Thijssens J Lummel L	Black
Herbloem De Heijthe sen L		Uijtewaal A J Schalkwyk Utrecht	
Hermanssen W J Beers N Br		Vaan De Ltd Bergschenhoek Zuid Holland	
Heuds Eug Valt L	Black	Vrijnkfel Brothers N euvenhoorn Zuid Holland	
Heuvel A v d Lenschoten Utrecht		Vlaskamp H J Olst Ov	Red
Heyden Jos v d Epen L		Vos Jac Penkenbroek N B	Black
Hloora G van Ullum Groningen		Vrieling J Haren Groningen	
Hoorn H J E van Weningerwaard N Holl		Vres R de N cryt Gron gen	
Jager G de N ewulda Gron gen		Vull ngus J Sevenum L	Red
Jonges P Beemster Noord Holland		Weten as P Kelpen L	
Keurentjes G Y Zelhem Gelderland		W jers Brothers Olburgen Gd	Black
Kleef A van Hoornar Zuid Holland		Wilton B Voorburg Zu d Ho land	Red
Kolbe J H M dwond Noord Holland		Zwartjens W J Olst Ov	
Kolk W H v d s Heerenbroek Overysel			

FRIESLAND BLACK AND WHITE CATTLE

FRIJSIAN CATTLE HERDBOOK ASSOCIATION STAMBOEKHUIS LEFWARDEN

Andringa W S	Tirus	Friesland	Elz nga D B	Roodkerk	Fr esland
Anema C C	Pingum		Heeg Th G	Wommels Want lle	
Anema S W	Idsegahu zen		Heeg W G	Wommels	
Anedma W T	K mwerd		Hell nga J	Lekkum Boerd Oudkerk	
Arends P J	Grouw		H dd nga M J	Trummarum	
Aukema A S	Lollum		H dd nga P P	W jnaldum	
Baerd v Smu H v	Oudkerk		Hi emstra L P	Arum	
Bearda S M	Wijtgaard		Hi lar des L Joh	Arum	
Berma B K	St Jacobi Parochie		Hi lardes L J	Pneym	
Bijlma A F	Jelsum		Hi lverda I G	Marsum	
Beolstra Joh J	S ens		Hoekstra B P	Teroele bij Woudsend	
Boer A fl de	Jellum		Hoekstra J S	Achlum	
Boer I F de	Ureterp		Hoistra B U	Popp nga vier	
Boer T & J de	Ollterterp		Hoogh emster H K	Akkum	
Boer I de	Tarna		Hoogma K J	Oosterwierum	
Boer W R de	Ollterterp		Horns a A G	Wirdun	
Bootsma C J	Goenga		Ippev R A	Ferwerd	
Burg B F v d	Ureterp		Ijsma S H	Zu d Drachten	
Burg L J v d	Cornjum		Jacobi R Arn	Opeinde (Sm)	
Cuperus S J S	Wierfum		Jacobi R M	N jega (Sm)	
Dankert J Th	S lens		Kalsbeek K S	Swichun	
Deinema J P	Wijnaldum		Ke ter J S	Jelsum	
Dijkstra S B	Beestervraag		Kool D K v d	Leeuwarden	
Dokter J T	Achlum		Kooistra E W	Jellum	
Douma Joh S	Goenga		Koo stra J A	Jelsum	
Du kze L S	Zu d U a hten		Koo stra J L	Wijtgaard	
Eisinga G J	Ijbrechtum		Koopmans Johns	Ijbrechtum	

PROMINENT BREEDERS (contd.)

FRIESLAND BLACK WHITE CATTLE (contd.)

Meer J v d
Meer M R v d
Mely Th v d
Medema G P
Nijdam T J
Okma B I
Okma B W
Oosterbaan J D
Oosterbaan J J
Oosterbaan K D
Oosterbaan W D
Pierma C P
Postma W K
Riedstra I J
Rijkema D A
Schaap F rma
Schuil og D K
Schuiling R
Schurer T
Skkema K
Skma S J
Smids H P
Smot S J
Spon R S
Stallnga P
Skerkenburg I J S
Stienstra J I J
Timmer J J
Tjallema Arn J
Tulzeer J A
Twijnstra Ol Fab N v U
Valde F J I
Veenland P I
Veld I J
Vries Erven J S de
Vries J A de
Wassenaar F
Wassenaar J N
Werf J J v d
Westra K E
Wijstra F J
Wod F P
Witte S J A de
Zee U F v d
Zijstar J

Wommels
Rijperkerk
Wester N Jerk
Stiens
Idaand
Woudend
Ijpeolsga
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Achlum
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Bosum
Kuswerd
Rijperkerk
Ijlst
Deerum
Mnertsga
Hallum
Herbayum
Wjaldum
Hu os
Hardegari p
St. Anna Parochie
Cornjum
Nes (W D)
W marsum
Jel um
Kusawerd
F nsum
Jelsum
Akkrum
Lippenhu zen
Lippenhu zen
Lippenhu zen
Ac lum
Wanswerd
Leeuwarden
Jelsum
Cornjum
Kuswerd
Doornbergum
Delfstrahu zen
Bosum
Slappeterp
Petersberum

Friesland

NETHERLANDS HERDBOOK ASSOCIATION

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THE HAGUE, Holland,

24 Surinamestraat.

Established in 1875

Members 7,400.

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FRIESCH RUNDVEE-STAMBOEK

(The Friesian Cattle Breeders' Association in Friesland)

LEEWARDEN : HOLLAND


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IN THE MOTHER COUNTRY APPLY FOR INFORMATION TO—

“The Secretary, Friesian Herdbook,”

Stamboekhuis, LEEWARDEN (Holland).

PROMINENT BREEDERS (contd.)

DUTCH SHEEP

TEXEL SHEEP BREEDERS ASSOCIATION KRAALSTAD ALKMAR

	NoordHolland		NoordHolland
Appel D	Tu sk	K strmaker P	Obdam
Appel G	Bu enburg	J lare A	Kolbo n
Bakker B others	Sp jk Texel	Knop J M	N euw Vennep
Berkel J v	Wognum	Koed A J	N euw ve nep
Beumkes J	den Hoo n Texel	Koll s J	Berk out
B man A	Spanbroek	Kon j n P	Venl u zen
Borst P	Heestugow	Koosman P	Wognum
Brak Jr A	S M a ten	Kool W	Venl u zen
B r k van I N	Beems er	Koorn Broilers	Molend Texel
B u n C	de Waal Texel	Kooij H C	Harenkarspel
Cle cq S W de	Haa l m m e m	Looy I	Sch l ierw Texel
Dalmeser P	Oude h ld Texel	Kooijman J	Schagerburg
Dekker A	Ote l e k	Kos er D	Sche l nkhout
Dijk C	den Burg Texel	Looster H k	W er gewaard
D i H C	Westergest Texel	Koster A	M dwood
Doe s A H	Hoorn	Kos er W C	Hensbroek
Donker C	Hoogwoud	Kuhn H W	Naarden
Donker C	Scheil nkhout	Ku per C	B n e n w i j z e n d
Donker G	Bobeld jk	Langelyk Weere H	Abbi kerk
Donker P	Hoogwoud	Lap H	den Hoo n Texel
Dros A	E e land Texel	Lap Jb	den Hoo n Texel
Dros B	Eerland Texel	Lap k	den Hoo n Texel
kelman J	Eerland Texel	Leeuw J W de	t Zand
Le man Jb	Oosterend Texel	Loots W	Berkhout
Eelman S C	den Burg Texel	Mantje H C	Texel
Er ks J	Burgerbrug	Mantje Jb	den Burg Texel
Geense C	Eerland Texel	Nacrop D	Berkhout
Glas L C	Gouw Hoogwoud	Oord C v d	Bars ngerhorn
Graaf M C de	Anna Paulowna	Oord I v d	Aartswoud
Groneman F A F	W eringerwaard	Pusch J J	Bobeld jk
Groot A	Oos er Blokker	Roel J A	s Graveland
Groot F J	Marken B m e n	Roeper J oh	W tte Enzel
Groot e S	Wogmee Sp er d	Roeper J	de Waal Texel
Haan A de	N Beems er	Roper J C	den Bu g Texel
H p D	Dijkm Hu zen Texel	Ruiter Brothers	O-Blokker
Hogeloom Brothers	Spang Texel	Schans M W v d	Bovenkerk
Hoorn H I F v	N Beemster	Schoen D	Benn ingbroek
Hopman Wed J	W eringerwaard	Schoenmaker D	Hoogkarspel
Houter Jb	Ongeren Texel	Schroeder D	Hensbroek
J m m u k W	S j e k a r s p e l	Spaan M	St Pancras
Kaan N D	t Zand	S apel Sz J	S j e k a r s p e l
Kaaskooper C D	W eringerwaard	Strijker C	W eringerwaard
Kamp Jn	Oosthu zen	V s Cr G	Venhu zen
Kampen J v	Berkhout	V s e r G	Venhuizen
Kant M	Hoogkarspel	Wagemaker J	Weere Abbe k
Keyser C	Schagen	W j l e n e s P	Twisk
Keyser D Cz	den Burg Texel	W n k e l h	Schagerburg
Keyser J	Ru e r s p i Texel	W t C de	de Westen Texel
Keyser Jb S	den Burg Texel	W t C de	Burgerbrug
Keyser L C	den Burg Texel	W t K	Talke, Schagen
Keyser P	de Waal Texel	W tte C A	Zu d Haffel Texel
Keyser P C	Ha kenb Texel	Z j m H S	Zu d Haffel Texel
Keyser S	den Burg Texel	Z j w e n d e D v	Heemstede
Keyser W S	Molenbuurt Texel	Zu dew nd Jb	Kerkeplaats Texel
Kikkert A S	de Waal Texel	Zu dew nd W	de kamp Texel
	Tienhoven Texel	Zweet J N	Beemster

DUTCH PIG

CENTRAL BUREAU FOR PIG BREEDING LANDBOUWHUIS ARNHEM

Affourtit Brothers	Aarlanderveen	Zu d Holl	Yorkshire P g	Fremer J P de Zelmeld	Landrace P g	Landrace P g
Albertshof	Venlo	Lumburg	Landrace P g	Groen J Hoornaar	Zu d Holl	Yorkshire P g
Bakker W A D	Zevenhuizen	Groningen		Gronmiers G	W n s m Groningen	Landrace P g
Beekhuizen G	Fokveren	Beenkom Geld		Groot A de Stompeters	Noord Holl	Yorkshire P g
Beernds Gz	J Werswold	Drente		Haas A de Nood	Beemster Noord Holl	
Berga J W	Gersloot	Friesland		Hacke van J C	M nden Loosdrecht Utrecht	
Brensen aders J	Wedde	Groningen		Hatzen H van Wedde	Groningen	
Blankendaal P	Stompeters	Noord Holl	Yorkshire P g	Herten de Lemmens M	Schunster Limburg	Yorkshire P g
Bloland J C	Oosterw k	Zuid Holl		Hesse W R	ter Apel Groningen	Yorkshire P g
Boerderij	Hanscamp	Harskamp Geld.	Landrace P g	Heuvel A v d	Linschoten Utrecht	Yorkshire P g
Boerderij	Tw kel D	I den Overijssel		Heuvel C v d	Char oos Zu d Holl	Yorkshire P g
Boots Wed. I	Avenhorn	Noord Holl	Yorkshire P g	Heykoop G	Hoornaar Zu d Holl	Landrace P g
Borst P	Heer Hugowaard	Noord Holl		Hoenderpark N V	Kralingen Rotterdam	
l rouwer H J	Broekhu zen Drente		Landrace P g	Hol Bro hers	Echteld Geld	
Bruggink J H W	Zeihem Geld		Yorkshire P g	Incht ng	Maasrood Portugal Zuid Holl	
Comen F H	Fokveren	Didam Geld	Landrace P g	Jacob A J	N ega (S) Friesland	
Dekker A G	Koekeange	Drente		Jansen H	Venray Limburg	
Demonstrat e	Boerderij	R b e r t		Jansen W	Fokveren Wychen Geld	
Demonstrat e	Boerderij	" V u l i n k		Jong M B de	Wester N j e k e r Friesland	
Deodatus R	Roden Drente			Judelt M	Bergen Noord Holl	
D kman A B	Hemelo Geld			Kallen E	Broekhu zervorst Limburg	Yorkshire P g
Dijk R van Pesse	Drente			Kamphuis T	Noordbroek Groningen	Landrace P g
Doe s A	Landrecht Utrecht		Yorkshire P g	Ke l s t r a H B	Lippenhuizen Friesland	
De t u b e d C J	Marlenberg	Overijssel		Ke n e c k e r Brothers	Osdoorn Drente	
Fokkerij	De Hoeve	N V		Klein Wiechertik J	Boekelo Over ssel	
		Zu k b u j Epe Geld.				

PROMINENT BREEDERS (contd.)

Duren Pic (contd.)

Knollma J Slochteren Groningen	Landrace Pig	Roberts J H W Lonneker Overijssel	Yorkshire P g
Kolff W M Deil Geld	Yorkshire Pig	Schoon D Benningbroek Noord Holl	
Konstra Brothers H S Eenerwoode Friesland	Landrace Pig	Schootanus Brothers Oldeboepk Friesland	Landrace Pig
Krastra H Haulerwijk Friesland		Schulten G W Fokveren Welp bij Deventer Geld	
Kruiders G Wiene Delden Overijssel		Sierstra H Broekheurne Overijssel	
Kruijff Jr D de De Bilt Utrecht	Yorkshire Pig	Sobert J Horst Limburg	
Kruitbosch A W Loenen (vcl) Geld	Landrace Pig	Spaan Th A Fokveren Wehl Geld	
Kuperus J Koekeange Drente		Splinter L J Avenhuizen Drente	
Kweertse Horste Twickelo, Overijssel	Yorkshire Pig	Stelwagen T J Grouw Friesland	
Laanert n K J A Delden Overijssel	Landrace Pig	Sticht ng De Heilbloem Heijthuisen Limburg	
Leenwink H H Fokveren Goo Overijssel		Stijnga M H Garmerwoide Groningen	
Mulder J Wmschoten Groningen		Uttawaal v W kckenburg W B Houten Utrecht	Yorksh re Pig
Mulder Wz J Diever Drente		Vasser J W de Wartena Friesland	Yorksh re Pig
Nap T H Meerlo Limburg		Vitringa A J C Harderwijk Utrecht	
Nelissen H Geleen Limburg	Yorksh re Pig	Vlaam G Benningbroek Noord Holl	
N crop Jb Jwaadjk Noord Holl		Vloten C K van Heelsum Geld	
Nieuwenhoven E v Nederweert Limburg	Landrace Pig	Vos H Wansum Gron ngen	Landrace Pig
Olm nkhof H A G Fokveren Libergem Geld		Vries K S de Nijchorne Friesland	
Oostrum D v Abcoude Utrecht	Yorksh re Pig	Waa J Joh v d Ede Utrecht	
Parlevliet F J Nieuwenborn Zuid Holl		Willgen A C v d Bunnik Utrecht	Yorkshire Pig
Poll J H De Bilt Utrecht		Will nge Frns E Oldeboepk Friesland	Landrace Pig
Porta J Wynaadsrade Limburg	Landrace Pig	Woerd D C v d Zoelen Geld	Yorksh re P g
Reenders L V Hoofwijk Noord Holl	Yorkshire P g	Woerd Brothers v d Zoelen Geld	
Reenders B J Loosen Gramsbergen Overijssel	Landrace Pig	Won ng C Bergschenhoek Zuid Holl	
Reenders G Hergenheum Overijssel	Yorkshire Pig	Zeldam P ten Hengelo Overijssel	
Ridder, A C de Overschie Zuid Holl		Zondag Brothers Mdiaren Drente	Landrace Pig

DUTCH HORSE

NATIONAL SOCIETY FOR THE PROMOTION OF HORSE BREEDING IN THE NEDERLANDS HUYGENSPLEIN THE HAGUE

Baalen M G van	Asperen N H	Me luek J	Bergenthum	Hardenberg
Baardt v Smijna J H van	Ookruik Gron	Melma D E	Reiderwolderpolder	Gron Overijssel
Breck Calken W F van	Colben Utrecht	Mens ngh J H	Aalden	Drente
Beker H G W	Brummen Geld	Middel R	Exloermond	Drente
Bergeijk J van	Wijk Heusden N B	M ddelkoop D H	Lage Zwallowe	N nten Moerd jk N B
Benningen H A van	Kerk Avezaath Geld			
Brema R	Uiquert Gron			
Biesheuvel B	Halweg Houtrakpolder Zu d Holl	Mel N P	Nejenburg G	Starle N H
Bolt J K	Hoogemeeden Aduard Gron	Neemans A M	Moerdijk	Witte Overijssel
Boylema F	Warfum Gron	Nienhuis J	Frieschestratweg	Groningen
Branderhorst G J W	Eethen N B	Noordman M A	Klein kraaierveld	Heemstede Zuid Holl
Buddingh J	Flis Geld			
Bultman H F	Rijk Haarlemmermeer Zuid Holl	Noordzij M D	Charloische	Lagedijk 6 Rotterdam
Buuren D van	Meuven Schaijk Ravestein N B			
Castelen H van	Bloemendaal Zu d Holl	Oerlemans van der Schans	Drongelen	
Clerq S W de	Brummen Geld	Brothers		
Coeboorn Ibr van Smijna	Alblasserdam Geld	Oever B van	1 Kamperland	Overijssel
Colder J C	Elst Geld	Ooster J	Beekbergen	Geld
Colenbrander F C	Elst Geld	Oosterbaan W D	Oostmarum Barradrel	Utrecht
Costermans G	Elst N B	Oppenraaij W J L van	Bemmel	Geld
Dane W H	Willemstad N H	Igeaard J D	Wassenaar	Z H
Dekker C	Blidwolda Gron	Piet Johannes	Heerenveen	Gron
Dijkstra D D	Colmschate Overijssel	Post Veenmaas G	Spijk	N B
Doonick P van	Uiquert Gron	Punt L C	Klundt	N B
Elere J	Fist Geld	Reijman A F	Steenderen	Geld
Erldkamp G A C	N B	Roojen J M van	Houten	Utrecht
Eyerd ngen G van	Hilsumhus Gron	Schal K D	Franker	Gron
Faber A J	Denl Geld	Scheer E J van der	Kampervenn	Overijssel
Felt A van der Baron	Celd	Sch loorn van Veen D	Uithuizen	Gron
Gellicien N J M van	Boreulo Utrecht	Schipper G	Nieuw Buinen	Drente
Gest cht Leo	Dalem Geld	Schuurina K L G	Ruizendaal	Olderhove Gron
Gier J J de	Houten Utrecht	S tamsa Pol J	de Waerden	Gruyskerk Gron
Grit G v d	Wienerswaard N Holl	Spaan A A	Elst	N B
Cronevan F A F	Noordbroeksterhamk N Holl	Snock A Z	Almkerk	N B
Cronevan G	Klooster Coevorden Overijssel	Spreekens W van	Beekbergen	(ckl)
Cruppen G	Alblasserdam N H	Stapel A	Wijk	Drente
Haar van der Brothers	Zest Utrecht	Starnie W H	Crabbhof	Dordrecht
Hanken H A	Wolfsminapolder N B	Stierdijk M	Stavensma	Zeeland
	Goes Geld	Steenje J	Anerveerwikkanaal	Drente
Hasselman D C	Zoelen Geld	Stehouwer W	Hendrik Ido Ambacht	N H
Heek H J F van	Boekelo Overijssel	Swaerstra T J	15 Ger Doustraat	Utrecht
Heij H J	Zoelen Geld	Timmermans J	Waalw k	N B
Herwarden J G van	Asperen N H	Toeckens E R	Westervelde	Norg Drente
Heuff G	Kerk Avezaath Geld	Toxopeus J G	Midwolda	Gron
Hoek R van den	Barendrecht N H	Versiegh L J	Buuralster	Geld
Hotland Z	s Heerenbroek Overijssel	Versiegh C	Brakel	Geld
		Voorst tot Voorst W van	Lilken	Geld
		Baron		
Hoorn van	Hornhuizen Gron	Vries R de	Nieuw I	Gron
Hooren C van	Arkel N H	Waard A K de	Wassenaar Gruyskerk	Gron
Jannink G	Enschede Overijssel	Wassenaar G van	Thurksland	N H
Jeltema S R	Uithuizen Gron	Wassenaar E W van	Nederbrecht	Geld
Joeker K	Exloermond Drente	Wekkers Kemper, E van	Ipsew bten	Friesland
Kaan Jb	Wienerswaard Zuid Holl			
Kattemaker P K	Hoofddorp Zuid Holl			
Kloff W M	Deil Geld			
Koof A J	N H			
Leenheer C J	N H			
Leuwens Hoornkamp	Nijkirk Geld			
L W B L van				
Marasch R A	Stadskanaal Drente			
Meijer J E	Ruyssdaal Gron			
Meijer J J	Vuislet Gron			

Livestock Breeding in Hungary.

The Live Stock estimate for Hungary states cattle 1 843 000 sheep 1 890 000 pigs 2 527 000 horses 886 000
CATTLE BREEDING by ADORJAN PAVLICSEK Breed Director Szekesfehswar Károly Király Ter 4 Hungary

Towards the end of the ninth century the Magyars who settled in what to day is Hungary brought with them cattle from the Volga District. These developed on the rich Hungarian soil and in the 17th century they obtained fame all over Europe on account of their excellent meat. When Turkey's rule over Hungary came to an end the regular cattle exports to foreign countries ceased and the Hungarian live stock deteriorated. The Hungarian cattle are at present bred chiefly on the great plains—the Alföld—and in the north eastern part.

The PODOLIAN CATTLE are a breed of robust constitution but slow development kept in herds and therefore accustomed to scanty food. They commence grazing in March—April and roam about until winter sets in. They are of medium size the cows weighing 400-600 kilos and the oxen 550-620 kilos. These cattle are chiefly bred for their splendid ability to do hard work. They are beautiful to look at lively in their movements very robust and satisfied while neither excessive cold nor extreme heat affect them. Their endurance is almost proverbial. The head is long drawn narrow but well proportioned with very long yellow coloured horns and the cows develop longer horns than the bulls. The eyes are black and bright neck long and thin. The back is straight and long narrowing towards the tail. The chest is very deep the shoulders strong well developed. Their colour is a beautiful silvery grey tinge with black spots.

SIMMENTAL CATTLE This breed was first imported into Hungary in the eighties from Switzerland and has proved most successful on account of its usefulness as milk and meat producers while splendid for work. The most favoured colour in the Simmentals is a yellowish tinge. These cattle readily respond when fattened the daily average increase in weight during a five months period reaching 1-1.4 kilos while the meat is excellent with a good percentage of fat. Only the well to do landowners in Hungary breed Simmental cattle.

RED WHITE LANDRACE CATTLE By far the largest number of cattle in Hungary is of the red white Landrace breed originating from Germany some 200 years ago. Crossed with the Podolian breed the present type slowly evolved but about 1870 Simmental bulls were imported for crossing with a view of increasing body weight and milk propensities and so successful were these crossings that to day the present red white cattle are bred to type and have thus become a native Landrace.

The average weight of the cow is about 500 kilos and the general colour similar to the red white spotted Simmentaler. Many a herd where breeding has been carefully conducted has at first glance a general appearance of being Simmentaler. The average yearly milk yields vary from 2 000 to 2 400 kilos

with 3-6-40% fat. The report from the Milk Control Society for the Province of Fejar for the year 1925-26 states that 1 548 controlled cows gave an average of 2 703 kilos of milk and 3 88% fat while reports from the Cattle Breeders Society for the Province of Somogy state an average yield of 4 885 kilos with 3 85% fat obtained from 62 cows under observation during 1926-27. The oxen at an age of 4-5 years weigh 500-600 kilos and when fattened increase daily from 10-13 kilos.

The Bonyhader Cattle breed found in various parts of Hungary is closely related to these red white Landrace cattle.

The Swiss Brown the Montafoner and the Allgauer breeds are also very popular in Hungary.

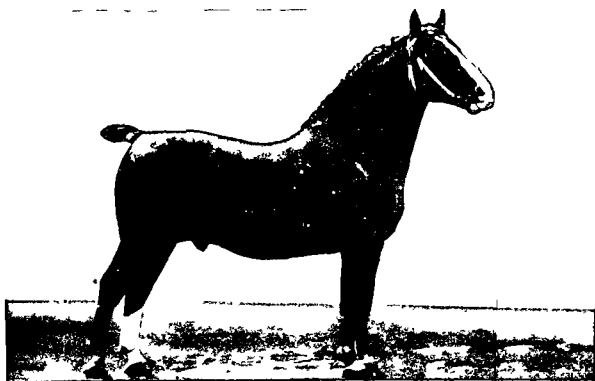
The Hungarian Agricultural Society renders great assistance to the Hungarian livestock breeders through its husbandry and dairy sections. Experts lecture to breeders at meetings regularly arranged in connection with the yearly Shows of Pedigree stock held at Budapest and elsewhere while untiringly trying to induce the farmers to improve their breeds by blood infusion through high grade sires.

The Hungarian Herd Book Committee is the general representative of the various associations for live stock breeding spread all over the country and act as their governing body. In the Hungarian Pedigree Live Stock Register kept and controlled by this Committee, only such entries are made which after careful investigations have been proved worthy as reaching certain fixed standards of performance—for Simmentaler cattle a yield of 3 500 kilos of milk with 125 kilos of butter fat during a lactation period of 305 days for the Grey Brown mountain cattle breed 4 000 kilos of milk and 125 kilos of butter fat while for entries of Landrace cattle it is stipulated that beautiful exterior of Simmentale cattle character and a minimum of 4 500 kilos of milk and 160 kilos of butter fat during 305 days lactation are indispensable conditions.

The various Provincial agricultural associations are most energetic promoters of improved stock breeding by means of Exhibitions money Prizes and pro-pazanda for sales of Pedigree animals at home and abroad while they assist in founding and organising milk control societies in such districts where a sufficiently large number of farmers express their wish in favour of this scheme.

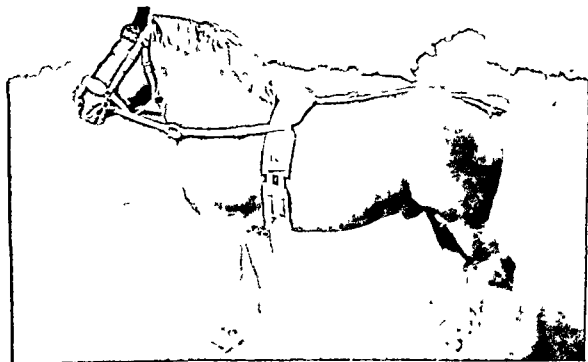
During 1927 nine Associations of breeders decided to amalgamate and the outcome of protracted discussions and meetings was the foundation of two large societies—the Society of Pedigree Cattle Breeders in Upper Trans Danubia and the Association of Breeders of Pedigree Cattle in Lower Trans Danubia. Another association of cattle breeders is in the course of formation.

All the Hungarian Pedigree Herd Book Societies work under strict control of the Ministry of Agriculture.



(Art des pages 50a and 51a)

Germany : Oldenburg Light Horse, Oldenburg.

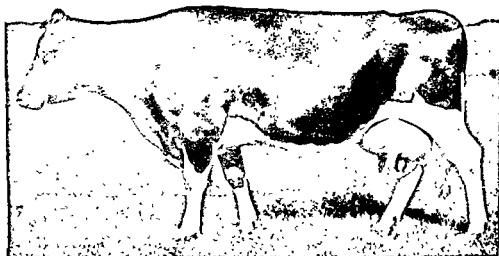


(Art des pages 17

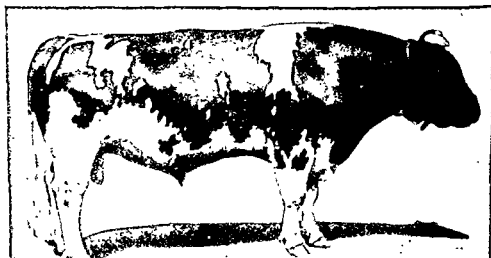
Germany : Rhineland Draught Horse, Bonn.



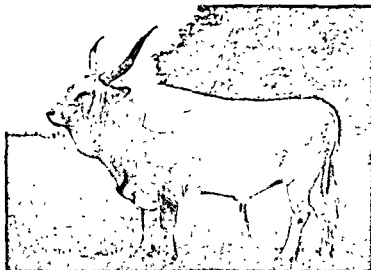
Holland : Friesland (Leeuwarden) Black-White Bull. *(Article page 556).*



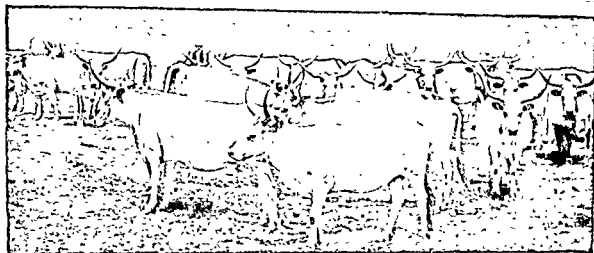
Holland : Ostfriesian Black-White Cow *(Article page 556)*



Holland : Yssel-Rhine Red-White Bull. *(Article page 556).*



Hungary : Steppe Landrace Bull. (Article page 562).



Hungary : Steppe Landrace Cattle.

(Article page 562).



Hungary : Racca Sheep. (Article page 562).



Poland : Elektoral Negretti Sheep.



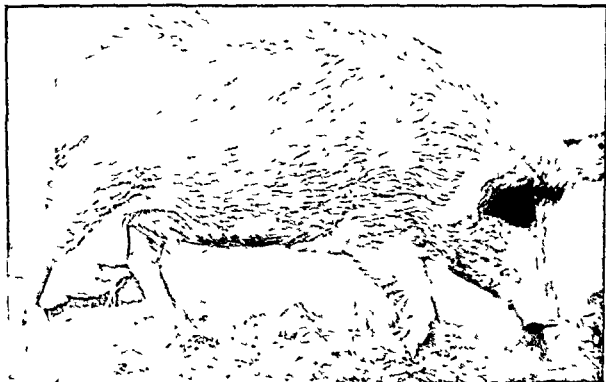
Lithuania : Red Landrace Cattle.

(Article page 282)



Italy : Carpigiani Bull.

(Article page 570)



Poland Landrace Pig



Poland : Red Landrace Cow



(A 100)

Switzerland Simmental Bull



(A 101)

Switzerland Simmental Cow

Sheep Breeding in Hungary.

By PROFESSOR J SCHANDL Budapest

Sheep breeding was always an important branch of Hungarian livestock breeding, and is still so in the great plains, the Alföld, where especially during spring and autumn grazing is plentiful. The sheep stock is estimated at 1,890,000 sheep. On the sheep breeding agricultural estates flocks as a rule number from 2,000-4,000 sheep, but on many a larger farm up to 20-25,000 are kept. Several types of Merino sheep are bred, such as the Racka, the Tzigaja and the Karakul sheep, while here and there one can find Hampshire Down sheep.

The present-day Merino sheep in Hungary originated from the Electoral-Negretti types, which have been greatly improved partly through careful selection, partly through infusion of Rambouillet blood. It is a medium-sized sheep with straight legs and smooth skin. In some flocks the ewes never grow wool on the face or on the lower part of the leg, while in others they are completely covered. The rams have curly horns and weigh 50-60 kilos, the ewes 30-55 kilos. The clip averages 2.5-4 kilos for the ewes and 4-5 kilos for the rams, and the quality is the very finest.

Merino sheep breeding became unprofitable towards the end of the last century and new Rambouillet blood was imported to increase size of animal and length of staple and thereby the wool production. A breed developed from this crossing of good proportions with wool of a fine quality, and was named French worsted sheep. Their body is broad and low and completely covered with wool. The ewes weigh 60-70 kilos, the rams 70-90 sometimes up to 110-120 kilos. The clip averages 4-7 kilos for the ewes and 7-12 kilos for the rams. The grease is yellow, easily washed. The wool is AAA—"AA," rarely "A."

The Tzigaja sheep is chiefly bred between the

Danube and the Tisza, and in the Provinces of Bars and Gomor. The head and feet have black or reddish spots. Breeders—chiefly in the Banat—prefer animals with black faces as this is supposed to signify fattening propensities, while in the Dobrudja spotted faces are more popular as the wool is finer. The wool is white sometimes red, brown or black. The rams are horned. The clip averages 1.2-3 kilos, but when the Tzigaja sheep is well fed the yield reaches 4.5 kilos. The wool is rather coarse. The Tzigaja lambs are weaned after 5-6 weeks when the ewes are milked during 150-180 days. When crossed with the Racka sheep breed the wool of the first cross is known on the market as 'Stogos', and when crossed with the Merino it is called 'Polos'.

The Racka sheep is still to-day a very primitive breed. It exists in two different types, i.e., the "Alfold" or sheep on the vast plains and the mountain type. Both rams and ewes have brown coloured, corkscrew-shaped horns, reddish brown wool, brown head and feet. The skins of the new born lambs are glossy and black, with tight curls, and in great demand for fur coat making, and the lambs unless destined for breeding, are therefore slaughtered at the age of 2-3 weeks, as when older their skins lose the gloss and colour and the curls are no longer so tight. The rams weigh 50-70 kilos, the ewes 40-50 kilos, and the clip averages 2-3 kilos.

Hungary produces 65 million kilos of wool from which, after washing, 1,800,000 kilos of raw wool are obtained. Speaking generally, the Hungarian wool is strong, elastic and soft, with a good length of staple for which qualities it is popular all over the world. Mutton is not consumed in the country to any extent, the percentage being 4% only as against 63% beef and 33% of pork.

Illustration page 565

Pig Breeding in Hungary.

By PROFESSOR DR O WELLMANN Chief Veterinary Institute Budapest

Pig breeding has always been a flourishing industry in Hungary as the Magyars are great consumers of pork and bacon. During the Middle Ages Hungary's enormous oak tree forests afforded food for their pigs, but when regular imports of maize from America towards the end of the 18th century became popular the pig industry developed, and in the 19th century the industry assumed national importance. The pig stock before the war numbered six and one half million. In 1925 the Stock Census showed a little over five and one half million, the decrease, of course being explained by the dismemberment of the

country after the war. This means 27 pigs per square kilometer and 32.5 pigs per 100 inhabitants.

About one hundred years ago the Bakonyer pig and the brick-coloured Szalontai pig lost their characteristics through crossing with the Serbian curly-haired Sumadija pig.

About 94% of all pigs bred in Hungary are of the curly-haired Mangalica pig breed originating in Serbia. As its qualities fulfil the requirements of the Hungarian breeders and consumers it is now the national breed. It is a curly-coated animal of Asiatic origin with a strain of the European wild boar in its

It is of medium size 75 cm high chest measuring 140 cm body about 90 cm length. The weight at an age of 6-8 weeks is 8-10 kilos and at 6 months 26-28 kilos. At one year old the weight is 60 kilos and when full grown 110-150 kilos. The fattened pig 1½-2 years old weighs 150-180 kilos. The colour varies greatly but white is most usual with claws and snout black. The head is well proportioned with black spots round the eyes, the neck broad and muscular. The ears are upright when the pig is quite young later they drop forward and reach half way down the snout. The eyes are bright and lively.

The Mangalica pig is used for breeding on reaching 1½ years although full development is not reached until an age of 2 years. Not particularly prolific the litters rarely exceed 5-6. As a rule the sows breed twice in three years. The Boar is discarded for breeding purposes on reaching his 4th year the sows when 5½-6 years. The Mangalica pigs are easily fed excellent for fattening and at an age of 5-6 months the weight is generally 90-100 kilos. The killing loss is seldom more than 15%. These pigs are splendid feeders— young animals increasing 1 kilo on every 4 kilos of grain when on the pasture while during the winter months 6 kilos of grain are required to produce 1 kilo increase.

Among foreign breeds Yorkshires Lincoln Curly Coated and Berkshire pigs were early imported. Later on German pure bred Large Whites and Landrace pigs became very popular in Hungary owing to their rapid fattening propensities and several breeders crossed the Curly Coated Lincolns on the white Mangalica hoping to improve the fecundity.

The Mangalica sows are as a rule kept in herds of 70-100 animals and pairing arranged so that they all breed within a few weeks. The litters remain 6-8

weeks with the mothers and when weaned put into herds of pigs of the same age on pastures. From their fourth week onwards barley is added to their food rations. In the autumn after having been on the stubble they are fed on maize bran roots and potatoes. The pigs are either fattened at a very young age or on reaching 1½ years. At the large pig industrial undertakings where a systematic fattening takes place—such as the Nagytetény Kobanya Győr Barcs establishment and similar such the regular supplies of live pigs are from 15-50,000 animals. As a rule near to these establishments there are large maize granaries and corn mills and at some places factories for soap making and drying of pig manure are in the vicinity.

The fattening of a Mangalica pig requires 5-7 months the process commencing with a weight of 70 kilos. As a rule after a fattening period of 6 months a weight of 160-180 kilos is reached the daily increase being about 0.6 kilos. It is calculated that from 450-600 kilos of food are required to obtain this weight. During the first period bran and barley is generally given during the second maize and barley and towards the end of the period only maize. The food mixture is crushed and softened in water during 12 hours. The pigs are regularly fed twice daily.

The Government are anxious to develop Pedigree pig breeding. Thus to facilitate the importation of Pedigree boars the Ministry of Agriculture often pay a part of the purchasing price. Shows are frequently held to encourage exhibitions of prominent Pedigree animals. The Association of Hungarian Pedigree Pig Breeders was recently founded while the Society of Breeders of Mangalica Pigs likewise founded quite recently will probably become an institution of national importance.

Horse Breeding in Hungary.

By PROFESSOR DR O. WELLMANN Chief Veterinary Institute Budapest

The indigenous horses in Hungary were of pure bred Oriental breeds such as Mongolian Tartar Persian etc. brought into the country by the invading Magyars more than 1,000 years ago. Among their many vicissitudes the Mongolian invasion was one of the worst and it had a bad influence on horse breeding. Not until the end of the 18th century were steps actually taken to improve the breeds. Several small Depots for stallions were established and the Government Studs at Mezőhegyes and Budaörs came into being. In 1853 a State-owned Stud was established at Kistarcsa, in 1874 another at Főváros and in 1906 a third Stud at Sütő. In 1914 there were in Hungary about two million horses and 420 privately owned Studs while the Government owned 3,784 stallions as compared with the 1926 figures—887,746 horses of which 78.4% were light and 21.6% heavy horses.

The NONIUS Horse is an improved Hungarian breed gradually developed at the Government Stud at Mezőhegyes through the influence of the Anglo-Norman Stallion Nonius bred at the French Stud at Rozière. The Nonius horses are especially suitable on smaller farms being of light build in size of 166-172 cm. They are generally dark brown with a Roman nose. In 1882 the Nonius Horse Breeders Society was founded but owing to part of Hungary being lost through the war there is a marked decrease in numbers. Only about 2,800 mares of this breed are now entered in the Society's Stud Book.

The GIDRAN Horse breed is now more than 100 years old of Anglo-Arabian origin taking its name after the Arabian Stallion Gidran. English Thoroughbreds have frequently been used to improve the breed and a light saddle and carriage horse of permanent features is the outcome. The height is about 165 cm.

The **LIPIZZAN** is an Arab breed mixed with Spanish and Italian blood, taking its name from the Italian Lipizzan Stud near Trieste. It has been bred in Hungary during the last 100 years, and the stallions are frequently used to improve the Hungarian mountain horses. It is a very popular horse, greatly in vogue as a carriage horse on account of its beautiful action.

RUSSIAN TROTTERS. There are 18 privately owned Studs where the trotter is reared, chiefly for racing purposes.

HEAVY HORSES Hungary has two such breeds, the Pinkafozer and the Muakozzer horses, both of which originated in West Hungary many years ago and later on became influenced by Norish Pungauer stallions. The Pinkafo horse is a valuable animal, about 164-172 cm. in height, piebald, chestnut, or grey in colour. The Murakoz is a Trans-Danubia horse, 160-170 cm. high, brown, chestnut, or black, of very heavy build, with enormous hoofs, short, muscular neck and remarkably broad hindquarters. Probably this breed once upon a time was mixed with Percheron or Belgian Ardenne blood.

In 1926 the "Hungarian Association of Horse Breeders" was founded. It is a very active organisation, with headquarters at 11, Szabadzságer Street, Budapest, to which correspondents interested in Hungary's horse breeding industry can address any enquiry on matters concerning breeds, sales or purchases of horses.

Among Hungarian State-owned Studs the following may be mentioned:

The Government Stud at Mezohegyes, founded in 1785, has evolved the Anglo-Norman Nonius type, the English Half-blood and the Anglo-Arabian Gidran horses. At present these breeds are maintained here with 170 Nonius, 53 Half-blood and 43 Gidran mares, and 15 Pedigree stallions.

The Government-owned Stud at Babolna, where pure-bred and half-bred Arab and Lipizzaner horses are bred. There are at present 100 Arab and 50 Lipizzaner mares, a number of stallions, and many foals.

The Government-owned Stud at Kisber, founded in 1854 for breeding English Thoroughbreds and Half-breds, holds 11 Thoroughbred and 180-Half-bred mares, a large number of foals, and a fairly large number of stallions.

The Government-owned Stud at Sutveny, founded in 1867, and is now managed by the Ministry of Agriculture. English Thoroughbreds and Half-breds are bred here. There are now 24 Thoroughbred and 49 Half-bred mares and 125 Stallions.

In 1927, 228 new State Stallion Depôts were established

Individual breeders may not use their stallions outside their own Stud without a Government licence. The Government support horse breeding in every way, but the active control and management of the industry is in the hands of the Horse Breeding Department of the Ministry of Agriculture.

There are now 19 Breed Societies in Hungary.

Prominent Breeders.

CATTLE

Alecsu Archdeacon Domna	Hatlan Pusztá	Alecsu Fejér	Summental
Almay Count Lmenich	Iustapó	Iust Puszták	Montforn
Bolnócz			(f)
Appony Countess Alexander de	Lengyel Post Lengyel		Summental
hom Tolna			Summental
Bábolna Government livestock	Breeding Establishment		Summental
Post Bábolnapusztá	hom Komárom		(f)
Bajern, Prince Franz von Sárvar	Post Sárvar	hom Vas(f)	Brown Sw
			Summental
Balogh Bruno von & Illis Emerich von Ennemaszay &			Summental
Hajdu ad Post Tolna	hom Tolna		
Bernárdi Mied Johann von Rátót Héráhaba Post			Summental
Rátót	hom Vas		
Berezúdi L von Alsókirályi Post Ácsad	hom Vas(f)		Summental
Buro Mide A von Kunigata Post Kunigata	hom Csanak		Summental
Debrecen Horthágyi Stepper Cattle Breeding Association			Steppe
Post Debrecen	hom Hajdu		
Debrecen Hungarian Cattle Breeding Establishment	Post		Steppe
Debrecen	hom Hajdu		
Debrecen Loyal Hungarian Agricultural Academy			Summental
Iállapusta Post Iállapusta	hom Hajdu	(f)	
Deutsch Julius Estate Iármánd	Post Iármánd	hom	Summental
			(f)
Dör, Friedrich von, Paradonpusztá	Post Zomb		Summental
hom Tolna			(f)
Dör, Helene & Ladislaus von Kádor Post Kádor			Summental
hom Tolna			(f)
Draskovits Count Ivan de Baranyassellő	Post Baran		Steppe
Swithe hom Baranya			(f)
Dreher L Kismarton Post Martonvásár	hom Pest		Summental
Ecksteinthal Dominus Poroszló Hábos Post Poroszló			Steppe
Habos	hom		
Eick de L. J. Post & Gera Jerepusztá	Post		Friesian
Post L. J. Post & Gera Jerepusztá			(f)
Estherházy Prince Paul de Esterházy	Post Esterházy		Summental
hom Sopron			Steppe
Esterházy Count Thomas de Devecser	Post Devecser		Steppe
hom Vas			(f)
Esterházy Count Thomas de Devecser	Post Devecser		Steppe
hom Vas			(f)
Esterházy Count Thomas de Devecser	Post Devecser		Steppe
hom Vas			(f)

Taras Stephen	Gater Post	Gater kom	Pert Steppe
Ildis Solt Kiskun			(18)
Farkas Ierenc von Teletenpuszta	Post	Jászkarajeno	Sümmental
kom Post			
Festetics Prince Tassulo Berencez	Post	Berencez kom	Sümmental
Somogy			(19)
Festetics Count W. Topondi	Post	Topondi kom	Somogy
Fejer Komitat Hied Book Association	for Szekesschevvar		Sümmental
Post Szekesschevár kom Fér			
Gaal de Alódszilágy, Josef, Lammuk Post	Somogyvár	Sümmental	
kom Somogy			
Grünwaldt Alexander,	Mélyvolgypuszta Post	Nagy Montén	
perakita kom Fejér			
Hatvány, Haronall Domain	Nagytelek Post	Hatvan Sümmental	
kom Heves			(P)
Heterendy Andras von Kulashozma Post	Kutas,	Sümmental	
kom Somogy			
Hungarian Farml Order	Orel Post	Topondr kom	Sümmental
Somogy			
Jankovsk Béla Count Andreas de Öreglak Post	Öreglak Steppe		
kom Somogy			(14)
Jezenszky Harosna Johann Feloldshoppusza Post	Sümmental		
kom Heves Torda			
Kalcsava Ferencsalatt Domain, Ordogpuszta, Post	Steppe		
Kalcsava kom Post			
Kapavay Agricultural Industries Association	Eti Freman		
Kapavay Ist Kapavay Ist alai kom Somogy			Sümmental
Károlyi Count Ladislaus József Post	Károlyváros	Sümmental	
kom Fejér			(17)
Károlyi Count Ladislaus Felold Post	Csepelk kom	Steppe	
Csepelk			(17A)
Kerkényi Maria Benedek Fialabeszed Béké Post	Sümmental		
kom Fejér			
Klingenberg C.A. Central Association, Post	Kling'ng kom	Sümmental	
Torda			
Köcher A.G. Feloldshoppuszt Post	Feloldshoppuszt Mátész		
kom Fejér			
Kutasi András & Nák was Károly Post	Károly kom	Sümmental	
kom Heves			(1)

PROMINENT BREEDERS (cont'd)

CATTLE (cont'd)

Magyar Föld Agricultural Estates Ltd Sarkad Post Steppe
Sarkad kom Bihar (p)
Magyaróvár Cattle Breeders Association Post Smm enta
Magyaróvár kom Moson
Mandl Alexander von Baranyaszentlőrinc Post Summental
Baranva zentlőrinc kom Baranva
Mesterházy Dr Ernst von Veszéreny Post Kapuvár Summental
kom Sopron
Mesterházy Dr Ernst von Nagyeresalend Mesterháza Summental
Post Nagyeresd kom Győr
Gróf Nádasdy Tamásné Nádasdládány Fejér (sp)
Nagyecsk Sugar Manufacturing Company Ltd Buk Post Summental
Buk kom Sopron
Nagyvárad Ecclesiastical Domain Darusgel Cirkopuszta Steppe
Post Cirkopuszta kom Bihar (sp)
Nagyvárad Ecclesiastical Domain Ihriz & Mikékes Summental
Post Ithuzista kom Bihar
Nemes de Hédég Count Johann Pusztatoma Post Steppe
kunhegyes kom J. N. Szolnok (spk)
Nodroz tlv Ladislaus von Döce Post Döce kom Steppe
Szabolcs
Pájer J. P. Rácalmási Post Rácalmási kom Fejér Summental
István Mark Grave George de Mosdos Post Mosdos Summental
kom Szigony (pk)
Porosztó Eugen Graf de Porosztó Post Porosztó Steppe
kom Heves (sk)
Pusztakaton Rural Councils Cattle Breeders Association Summental
Pusztakaton kom Pest
Redenpuszt Cattle Breeding Association Kesképuszta Steppe
Post Tiszacsécs kom Hajdú
Royal Hungarian Agricultural Academy Magyaróvár Summental
Post Magyaróvár kom Moson (t)
Royal Hungarian State Domain Kisber Post Kisber Summental
kom Komárom (p)

Royal Hungarian State Domain Mezöbgyes Post Summental
Mezöbgyes kom Csánád (spk) Steppe
Schrikker Alexander Alsótkerespuszta Post Lepsény Summental
kom Veszprém
Schrikker Emeric Balatonbonyosk Post Enying kom Summental
Veszprém
Sennyey Baron N. de Pécin Post Pécin kom Zemplén Steppe
Somssich de Saard Nikolaus Somogyósd Post Sárd Steppe
kom Somogy (k)
Státtár Ecclesiastical Domain Pusztahádvég Post Steppe
kom Heves (spk)
Széchenyi Count Aladár de Rivva Tamási Post Görgey Summental
kom Somogy (k)
Széchenyi Countess Anton de Póstelek Post Békéscsaba Summental
kom Békés
Széchenyi Count Gera de Erdősokonya Post Steppe
Erdősokonya kom Somogy (p)
Stold E. Pongódd Post Gecsegyarmat kom Győr (p) Summental
Sztáray József Géza & Alexander, von Váradmarcali Summental
Post Szeged kom Nórád
Szuhánszky F. von Csenger Post Csenger kom Státtár Steppe
Téglási Andreas von Horlitz Post Vízsló kom Summental
Abony Torna
Teleki Tibor Countess Polke Post Pótske kom Summental
Zala (k) Steppe
Vam Vampuszta Domain Post Igar kom Fejér Summental
Wenckheim Count Alexander de Csorvás Post Summental
Csorvás kom Békés (p)
Wenckheim Count Ladislaus de Békés Post Békés Steppe
kom Békés (sp)
Wenckheim Count Paul de Mosonzentmiklós Post Summental
Mosonzentmiklós kom Moson (p)
Wittmann Michael Pápa Post Pápa kom Veszprém (p) Summental

SHEEP

Almásy Emeric Count Békéscsaba Post Békéscsaba Rambouillet
kom Békés
Almásy Count Emeric Pusztapó Post Pusztapó kom Merino
Szolnok (p)
Bibóla Government Livestock Breeding Establishment Rambouillet
Post Bibólapuszta kom Hódmező
Balogh Bruno von & Hies, Limerich von Emmamajor & Merino
Nagyújdomb Post Tolna kom Tolna
Csete Duke de & Barons Montz & Leopold de Csete Post Rambouillet
Kéthely kom T. N. Szolnok
Debrecen Pusztá Hortobágy Sheep Breeders Association Racka
Post Nagyhortobágy kom Hajdú
Debrecen Royal Hungarian Agricultural Academy Merino
Tallapuszta Post Tallapuszta kom Hajdú (spk)
Ecclesiastical Sheep Breeding Establishment Zaiger Rambouillet
Post Tápacsécs kom Pest
Ecclesiastical Priest Order Göllo Post Mernye kom Merino
Szigony
Eger Ecclesiastical Sheep Breeding Establishment Nagyszőlő Merino
Post Szentmaria pusztasza kom Hajdú
Elek Stephan & Franz Hippolit Post Zichyújfalu Hampshire Du
kom Fejér
Fiath Baroness Paul de Pusztapó Post Szécsen Merino
kom Tolna
Gábor Josef Kismajor Post Tiszacsécs kom Hajdú (p) Merino
Hertfelder Eugen Pusztapó Post Pusztapó kom Merino
Jász Nagykom Szolnok
Hungarian German Agricultural Society Balatonszársó Merino
Post Balatonszársó kom Somogy
Hungarian Immature Producers Association Somogyi Merino
Post Nagyatád kom Somogy
Hungarian Wooled Wool Sheep Breeding Establishment Merino
Post Hortobágy kom Hajdú
Hunyady Count Karl Nagykölk Post Salfarmajor kom Negretti
Fejér
Jankovich Bécsin Count Andreas de Öreglak Post Merino
Öreglak kom Somogy (k)
Jozsef Franz D. Cház Post Homorogd kom Abauj Merino
Károlyi Franz von Elekpuszta Post Moszós Merino
Sulimán kom Somogy
Kaposvár Agricultural Industries Association Ltd Rambouillet
Kaposvár Post Kaposvár Ecclesiastical kom Somogy (p)
Károlyi Count J. Fehérvárszék Post Fehérvárszék kom Fejér
Károlyi Count Ladislaus Felgyó Post Csongrád kom Rambouillet
Csongrád
Károlyi Count Ladislaus de Bak Post Bak kom Zala Negretti
KATONA, FRANK VON Alsóobolók. Post Szent Merino
Békéscsaba kom Pest
Károlyi Count W. W. Sheep Breeding Establishment Merino
Post Károlyi kom Pest

Kissallás Sheep Breeding Establishment Post Kissallás Cigaja
kom Bacs Bodrog
Kohner Dr Adolf Szászberék Post Felsőszászberék Merino
kom Szolnok
Kornfeld Baron Montz de Héktúpuszta Post Felsőreg Merino
kom Tolna
Kun, Andreas & Nikolaus Vagyanya & Galvics Post Merino
Károlyi Count Heves
Léderer Brothers Pusztatényő Post Pusztatényő kom Merino
Szolnok (k)
Ozo Gróf Nádasdy Tamásné Nádasdládány Fejér (sp)
Nagyecsk Sugar Manufacturing Establishment Alsóreg Karakó
Post Alsóreg kom Vas
Nagyvárad Ecclesiastical Domain Darusgel Cirkopuszta Merino
Post Cirkopuszta kom Bihar
Nemes de Hédég Count Johann Pusztatoma Post Merino
kunhegyes kom J. N. Szolnok (spk)
Nemesz Franz von Ajka Post Ajka kom Veszprém Merino
Politz Geta Felsőgyörgy. Post Somogytársócsa Merino
kom Somogy
Porosztó Eugen Graf de Porosztó Post Porosztó Merino
kom Heves (k)
Royal Hungarian Agricultural Academy Magyaróvár Dutch
Post Magyaróvár kom Moson
Royal Hungarian Sheep Breeding Establishment Merino
Keszthely Post Keszthely kom Zala
Royal Hungarian State Domain Mezöbgyes Post Rambouillet
Mezöbgyes kom Csánád (spk)
Sachsen-Coburg und Gotha Prince Ph. Josias von Pusztavacs Post Alberti Irsz kom Pest (k)
Skubli Emilie & Andreas von Bebespuszta Post Rambouillet
Zala zentmiklós kom Zala (p)
Strasser W. & R. Ajka Post Ajka kom Fejér
Státtár Ecclesiastical Domain Pusztahádvég Post Rambouillet
Porosztó kom Heves (spk)
Széchenyi Count Bartholomäus Felsőregd Post Merino
Felsőregd kom Somogy (p)
Weiss Baron Manfred de Derékgyőháza Post Sentes Rambouillet
kom Csongrád
Wenckheim Count Josef de Oknyós Post Miskolc Merino
kom Békés
Wenckheim Count Ladislaus de Békés Post Békés Rambouillet
kom Békés (p)
Wimpler Count Segned de Anasztázamajor Post Karakó
Bács-Kiskom Tolna
Winkler Josef Pusztá Farkasdomb Post Szajol kom Merino
Zichy Count Béla Lengyelőre Post Lengyelőre kom Negretti
Somogy
Zichy The Countesses Livia & Marie Kistapé Post Vajta Merino
kom Fejér

PROMINENT BREEDERS (contd)

HORSES (contd)

Buro Mde Alb Knapuszta Post Kunágota Kom Csand English Blood
 Buschitz Maza Estates Maspuszta Post Keszohidegkut English Blood
 Kom Tolna
 Debrecen Town Municipality Post Debrecen Kom Nonius
 Hajdu
 Debrecen Royal Hungarian Agricultural Academy, Palla Arab
 gpuszta 1 ost Pallapuszta Kom Hajdu (esp)
 Dreher Eugen Frdohst Post Martonvásár Kom Iéyr English Blood
 Esterházy Count Franz Tata Post Tata Kom Komáron Lipizza Race
 Esterházy Count Thoma Devcester Post Devcester Engl sh Blood
 Kom Veszprém (cp)
 Festetics Prince Tassilo Berence Post Berence English Blood
 Kom Somogy (cp)
 Festetics Prince Tassilo de Keszthely Fekfuszta English Blood
 Keszthely Kom Zala
 Fould Springers Baroness Maria Cecile Estates Puszt English Blood
 Isvár Post Győrsejmere Kom Győr
 Gest de Csikó Julius Csikó Post Kondoros Kom English Blood
 Békés (p)
 Geist Kaspar von Csikó-Gáspártelek Post Kondoros English Blood
 Kom Békés
 Gréby von Ottomóns Johann Alsóadás Post Szabads English Blood
 zillis Kom Pest
 Gyérey Richard von Tolnaozora Post Tolnaozora English Blood
 Kom Tolna
 Hajdu Brothers Kisvelence Post Kisvelence Kom Nonius
 Fejér (p)
 Hertelendy Andor von Autaskoma Post Beleg Kom
 Somogy
 Hoyos Count Max Némethlad Post Némethlad Kom Ardenne
 Somogy
 Hungarian Horse Breeding Association (Budapest V English Blood
 Stécheny utca) Dópuszta Post Hippa Kom
 Komáron
 Jankovich Béla Count Andreas de Oreglak Post Lipp tran
 Oreglak Kom Somogy (cp)
 Jurek Ludw Pusztanyélt Post Pusztatenyo English Blood
 Kom Szolnok (p)
 Kalovsz, Eccles astral Doma Csornapuszta Post Nonius
 Öreg serto Kom Post Pils Solt Kiskun
 Kaposvár Agricultural Industries Association Ltd Ardenne
 Kaposvár Po t Kaposvár Po utcal Kom Somogy English Blood
 Károlyi Count Josef Fehérváresurg Post Fehérvár Nonius
 surgo Kom Fejér (cp)
 Károlyi Count Lad slaus Felgyo Post Csongrád Kom Nonius
 Csongrád (cp)

Kecskemét Municipality Bugapuszta Post Kecskemét English Blood
 Kom Pest Pils Solt Kiskun
 Krüper Gilbert des Leherolles Rétszentmiklóspuszta Arab Race
 1 ost Nagydré Kom Bihar
 Kornfeld Baron Moritz Felsőreg Post Felsőreg Kom Nonius
 Tolna
 Läderer Brothers Pusztatenyo Post Pusztatenyo English Blood
 Kom Szolnok (s)
 Lederer Ladislus Pusztahibocka Post Kunszent English Blood
 márton Kom Békés
 Meizer Ladislus von, Onod Post Onod Kom Borsod English Blood
 Mezőhegyes Horse Breeding Association Széchenyi ter 7 11 Nonius
 Szeged
 Nagyvár Ecclesiastical Estates Cukpuszta Post Nonius
 hápuszta Kom Bihar
 Nemes Count Albert de Solt Post Solt Kom Pest Engl sh Blood
 Pils Solt Kiskun
 Nemes de Hidvé Count Johann Pusztatamaj Post English Blood
 kunhegyes Kom J N K Szolnok (cp)
 Pallavicini Mark Grave de Domain Sándorfalva Post English Blood
 Sándorfalva Kom Csongrád (p)
 Pallavicini Mark Grave George de Mosdós Post Mosdós Nonius Race
 Kom Somogy (cp)
 Porostó Graf de Eugen Forostó Post Forostó Engl sh Blood
 Kom Heves (s)
 Ráth Josef von kunágota Post kunágota Kom Engl sh Blood
 Csand
 Reck Géza von Csorvás Post Csorvás Kom Békés English Blood
 Rothschild Baron Alfons de Diópuszta Post Tata Engl sh Blood
 Kom Komáron
 Royal Hungarian State Domain Mezőhegyes Post Nonius
 Mezőhegyes Kom Csand (cp)
 Sachsen Coburg und Gotha Prince Philipp Josias von English Blood
 Pusztavars Post Alberti Ina Kom Pest (s)
 Somssich von Sándr Nikolaus Somogyárd Post English Blood
 Nagybalazs Kom Somogy
 Strasser Wilhelm Vámpuszta Post S montonya Kom English Blood
 Fejér
 Szatmár Eccles astral Domain Pusztahidvég Post Nonius
 Forostó Kom Heves (cp)
 Urban Baron Peter Kunagotapuszta Post kunágota English Blood
 Kom Csand
 Wenckheim Count Donyos de Doboz Post Doboz Kom Eng sh Blood
 Békés (p)
 Zalava Abbey Domaine Zalavá Post Sármedik Nonius
 Kom Zala

For Poultry Breeders in Hungary see pag s 72 73

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Livestock Breeding in Iceland.

The Live Stock estimate for Iceland states cattle 31 000, sheep 567 000 pigs —, horses 53 000

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PROMINENT BREEDERS (contd.)

HORSES (contd.)

Biro Mde Alb Kupapuszta Post Kunágota Kom Csanád English Blood
 Bischoff Ma sa Estates Maspuszta Post Keszöbdegrkut English Blood
 kom Tolna
 Debrecen Town Municipality Post Debrecen kom Nonius
 Hajdu
 Debrecen Royal Hungarian Agricultural Academy Palla Arab
 gpuszta Post Pallagpuszta Kom Hajdu (esp)
 Dreher, Eugen Lrdobát Ist Martonvásár Kom Fejér English Blood
 Esterházy Count Franz Tata Post Tata kom Komárom Lipitz Race
 Esterházy Count Thomag Devecser Post Devecser Engl sh Blood
 Kom Veszprém (cp)
 Festetics Prince Tassio Berence Post Berence English Blood
 kom Somogy (cp)
 Festetics Prince Tassio de Keszthely Fenekepuszta Engl sh Blood
 Keszthely Kom Zala
 Fould Spr ngers Baroness Maria Cecile Estates Puszta Engl sh Blood
 Isváry Post Gyorsnémetre Kom Győr
 Gest de Csákk Julius Csákk Ist Kondoros Kom English Blood
 Bekés (p)
 Gest Kaspar von Csákk Gáspártelek Post Kondoros Engl sh Blood
 Kom Bekés
 Gerby von Ottómos Johann Alsóadacs Post Szabads Engl sh Blood
 zillis Kom Pest
 Gyéry Richard von Tolnaostora Post Tolnaostora English Blood
 Kom Tolna
 Hadju Brothers Kisvelence Post Kisvelence kom Nonius
 Fejér (p)
 Hertelendy Andor von Kutaskozma Post Beleg Kom
 Somogy
 Hoyot Count Max Némethlad Post Némethlad kom Ardenne
 Somogy
 Hungarian Horse Breeding Association (Budapest V English Blood
 Stéchenyi utca) Dospuszta Post Hippa Kom
 Komárom
 Jankovich Hasan Count Andreas de Oreglak Post Lippuzan
 Oreglak Kom Somogy (ci)
 Jurek Ldwg Pusztanják Post Pusztatenyo English Blood
 Kom Szolnok (p)
 halocs, Ecclesiastical Domain Csornapuszta Post Nonius
 Oreglertő Kom P-t P-l Solt Kiskun
 Kaposvár Agricultural Industries Association Lid Ardenne
 Kaposvár Ist Kaposvár Fő utca Kom Somogy Nonius
 English Blood
 Károlyi Count Josef Fehérvárburg Post Fehérváre Nonius
 sörge Kom Fejér (cp)
 Károlyi Count Ladislaus Telgyo Post Csongrád Kom Nonus
 Csongrád (cp)

Kecskemét Municipality Bugacpuszta Post Kecskemét English Blood
 kom Pest Illus Solt Kiskun
 Kruspe Gilbert des Echerolles Rétszentmiklóspuszta Arab Race
 Jock Nagyráb Kom Bihar
 Kornfeld Baron Moritz Felsőreg Post Felsőreg kom Nonius
 Tolna
 Léderey Brothers Pusztatenyo Post Pusztatenyo English Blood
 Kom Szolnok (i)
 Lederer Ladislaus Pusztahibocka Post Kunzent English Blood
 mártón Kom Bekés
 Melzer Ladislaus von Onod Post Onod kom Borsod English Blood
 Metzöbgyes Horse Breeding Association Sátrényi ter 711 Nonius
 Szeged
 Nagyrád Ecclesiastical Estates Cukropuszta Post Nonius
 Kópuszta Kom Bihar
 Nemes Count Albert de Solt Post Solt kom Pest Engl sh Blood
 Illus Solt Kiskun
 Nemes de Hidvéz Count Johaan Pusztatomaj Post English Blood
 Kom Szolnok (cp)
 Pallavicini Mark Crave de Doma n Sándorfalva Post English Blood
 Sándorfalva Kom Csongrád (p)
 Pallavicini Mark Crave George de Mosdós Post Mosdós Nonius Race
 kom Somogy (cp)
 Porostó Graf de Eugen Porostó Post Porostó Engl sh Blood
 Kom Heves (ci)
 Ráth Josef von Kunágota Post Kunágota kom English Blood
 Csanád
 Reck Géza von Csorvás Post Csorvás kom Bekés Engl sh Blood
 Rothschild Baron Alfons de Dióspuszta Post Tata Engl sh Blood
 kom Komárom
 Royal Hungarian State Domain Mazöbgyes Post Nonius
 Mezöbgyes kom Csanád (cp)
 Sachsen Coburg und Gotha Prince Philipp Josias von English Blood
 Pusztavacs Post Alberti Irsá Kom Pest (i)
 Somssich von Sándr Nikolaus Somogyárd Post Engl sh Blood
 Kom Csanád
 Strasser Wilhelm Vámpuszta Post Simonternya kom English Blood
 Fejér
 Szatmár Ecclesiastical Domain, Pusztahidvéz Post Nonius
 Porostó kom Heves (cp)
 Urban Baron Peter Kunagotapuszta Post Kunagota English Blood
 kom Csanád
 Wenckheim Count Dony de Doboz Post Doboz kom English Blood
 Bekés (p)
 Zalavai Abbey Domaine Zalavá Post Sirmélek Nonius
 Kom Zala

For Poultry Breeders in Hungary see page 72 73

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cultural machinery, fertilisers, fencing material, etc., for the benefit of its co-operators, among whom is a great number of farmers.

By a series of well conceived Laws adopted by the people through their representatives in Parliament, no Icelandic mutton can be exported unless subjected to control and classification. The Icelandic horses, prior to being exported, must pass examination by veterinary officers, and only faultless and in every way valuable animals are granted a certificate for export. As a rule, no horses over ten years are exported. The trade in Icelandic wool, quite important, is likewise subjected to classification and control and supervision by experts. Thus, no wool is admitted for export unless conforming with stipulations in

regard to colour, staple and quality. Fertilisers and cattle food, both articles of great importance in the life conditions of the country, are not permitted entry into the Island unless subjected to the most stringent regulations regarding quality, packing, etc. by Government experts who exercise the necessary control. The killing of animals for meat supply is chiefly in the hands of "Sláturfélag Sudurlands," the largest abattoir in Iceland, based on co-operation between meat producers and consumers. It is operating all the year round. There are other abattoirs for sheep, chiefly for the benefit of the mutton packing industry, in operation from early August until late in the Autumn.

Among Iceland's prominent Breed Associations and Breeders, the following should be mentioned :

Prominent Breeders.

The Agricultural School of Holum Hjaltadal

The Agricultural School of Hvannan Borgarfjord

The Agricultural Society of Iceland 14 Lackjargata Reykjavik

Áslaekjar rjómabú Co-op Dairy Ass. Selh.
Baugstaða rjómabú Co-op Dairy Ass. Kakkarbjáleigu
Stokkseyri

Cattle Breeding Society of Adaladal S. Þingeyjarsýsla
Cattle Breeding Society of Ásólufskalaöskun Rangarvalla
sýsla

Cattle Breeding Society of Bökupstungur Arnéssýsla

Cattle Breeding Society of Bubot S. Þingeyjarsýsla

Cattle Breeding Society of Dyrolshreppur, V. Skaffta sýsla

Cattle Breeding Society of Eimhild Rangarvalla sýsla

Cattle Breeding Society of Gættarþinghreppur Arnéssýsla

Cattle Breeding Society of Gættarþinghreppur Arnéssýsla

Cattle Breeding Society of Hraungerðshreppur Arnéssýsla

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Sheep and
Cattle
Breeders
Sheep Pig and
Cattle
Breeders

Pig Breeders
" "

Cattle Breeding Society of Öngulstadshreppur, Eyjafjarsýsla
Deildarar rjómabú Co-op Dairy Ass., Skamadal Myrdal. . . Pig Breeders

Grjótar rjómabú, Co-op Dairy Ass., Breiðabólstað, " "

Fjölshlíð " "

Hofnar rjómabú Co-op Dairy Ass., Hvammi, Eyjafjörður

Áshreppur Horse Breeding Society, Rangárvalla sýsla

Áth Horse Breeding Society, Rangárvalla sýsla

Engihildshreppur Horse Breeding Society, Húnavatnssýsla

Eyjafjallshreppur Horse Breeding Society, Rangárvalla sýsla

Fakur Horse Breeding Society, Arnarnes Skúldhreppur

Eyjafjarsýsla

Fjölshlíðshreppur Horse Breeding Society, Málavallur

Trasta Horse Breeding Society, Gauverjabreppur

Arnéssýsla

Gnúpverjabreppur Horse Breeding Society, Arnéssýsla

Hraungerðshreppur Horse Breeding Society, Arnéssýsla

Hraungerðshreppur Horse Breeding Society, Arnéssýsla

Landsjörð Horse Breeding Society, Rangárvalla sýsla

Reykholtsdalshreppur Horse Breeding Society, Borgarfjörður sýsla

Rupurshreppur Horse Breeding Society, Skagafjörður sýsla

Staðarshreppur Horse Breeding Society, Skagafjörður sýsla

Svínvatnshreppur Horse Breeding Society, Húnavatnssýsla

Ölfurshreppur Horse Breeding Society, Arnéssýsla

Kállar rjómabú Co-op Dairy Association, Stóru Mástungur Pig Breeders

Laugardalur Co-op Dairy Ass., Hróarslækjar rjómabú " "

Þykkvabæjar rjómabú Co-op Dairy Ass., Mel Þykkvabæ " "

Rauðalækjar rjómabú Co-op Dairy Ass., Hvammi " "

Samband jöfnuðra samvinnufélaga, Reykjavík (Farm

handling imports and exports of animals)

Sandvíkur rjómabú Co-op Dairy Ass., Sandvík Pig Breeders

Hrafnkelldalur Sheep Breeding Farm, Arnéssýsla

Leitisdalur Sheep Breeding Farm, Eyjafjörður

Rangá Sheep Breeding Farm, Fjölshlíðshreppur

Ölfurshreppur Sheep Breeding Farm, Dalasýsla

Tofastöð rjómabú Co-op Dairy Ass., Skálholt Pig Breeders

ICELAND

Livestock Breeders, Merchants and Manufacturers desirous of obtaining Information concerning this interesting and prosperous country are invited to communicate with the Publishers, of "International Directory of Pedigree Stock Breeders," 23, Fleet Street, London, who act as Correspondents for most of the Icelandic Stock Breeders' Societies and Export and Import Associations at Reykjavík.

Livestock Breeding in Italy.

The Live Stock estimate for Italy states : cattle 6,242,000, sheep 11,791,000, pigs 2,342,000, horses 991,000.

In the matter of accumulation of capital the foundation of all economic progress is labour which indeed, constitutes the fundamental element of all prosperity and riches. Italy can boast an agricultural population which in a remarkable degree contributes to the well being of the country. The truth of this statement may be gathered from the following figures. Of a population of some 38 million, there are

Casual Land Workers	2,611,955 Men
	1,603,693 Women
Farmers with Small Holdings	1,129,155 Men
	452,337 Women
Working on their own or on Relatives Farms	1,108,728 Men
	606,532 Women
Tenant Farmers	536,281 Men
	157,637 Women
Peasant Tenant Farmers who pay their rent by working certain days weekly on Landlords Farms	295,355 Men
	89,238 Women
Cow- and Sheep-herds	207,764 Men
	29,241 Women

At the beginning of the nineteenth century Italy had probably a greater density of population than any other country in Europe—63 inhabitants to the square kilometre as compared with 20 in Spain, 50 in France and 60 in Great Britain, since when the population has enormously increased, so that in the year 1914 the population was 35½ millions or 124 inhabitants to the square kilometre. As a result of new political boundaries, Italy's population is now close on 38 millions.

In Italy agriculture is more complex in its nature than, perhaps, in any other country in Europe, as pastures, arable land, and live stock breeding are to be found under the most diverse conditions sometimes 2,500 meters high up in the Alps, sometimes in the valleys below the shores of Garda and Maggiore, or in the valley of the Po on the slopes of the Apennines or on the shores of Liguria. Herds of cattle, sheep, horses and buffaloes graze over the Tuscan Maremma, the Agro Romano and the Pontine marshes, while on the shores of the Adriatic the most varied cultivation is to be seen. At Bari and Foggia farming is more in the style of gardening, while the extensive corn fields of the Apulian Tavoliere stretch far away up to the Basilicate in which district malaria drought and land slips put the population on their mettle in the constant fight against these. Sheep grazing in the Abruzzi is a steadily expanding industry, and in the Romagna, Emilia, and the Veneto, cattle breeding and the industrialisation of agriculture—cheese making, wine pressing olive oil production, etc.—are steadily adding to the prosperity of the countryside. Up in the Alps and the Apennines, and down in the valleys and on the plains, an extensive dairy cattle industry is handling large quantities of milk, and in the Val d'Aosta and on the slopes of Etna, olives are grown

and turned into an article of great commercial value. It will thus be seen how diversified agriculture is in Italy.

In 1864 the Italian agricultural production was estimated at three milliard Lire of which one third represented live stock breeding, while in 1885 the figures were five milliards. In 1900 the figures had risen to seven milliards. The area in Italy under crops is estimated at thirteen million hectares, and of this 4,700,000 are devoted to wheat alone. Ploughing, always hard work in the very stiff, clayey soil of Italy, is now almost everywhere effected by steam ploughs, a great number of which is owned and run by small agricultural societies. Chemical manures are now rapidly coming into vogue all over the country. In the year 1900 three million quintals of super phosphates were consumed, in 1913 eleven million. Among the various crops in Italy, perhaps the sugar beet is the most remarkable. Introduced by Cavour, the production has steadily increased and now occupies an area of well over 135,000 acres.

Agriculturists in the country hold that owing to more extensive and accurate methods of cultivation, the annual average production of hay is steadily increasing, which, in turn, brings with it increased live stock breeding.

These figures are remarkable in as much as Italy is not within the region of pasture land, while her soil is as a rule remarkably dry. During the last ten years a noticeable general improvement in the live stock has set in, partly through better selection, partly through crossing and introduction of new stock. This can be seen in the case of horses, such now being bred of a far superior quality through Government stallions.

Italy's dairy industry, as already stated is expanding. Machinery of the most modern construction is exchanged for the old, and in the world's cheese export markets Italian cheese ranks among the best.

One of the most active factors in stimulating agricultural pursuits and improvement in live stock breeding is certainly the co-operative movement. In this respect Italy is far ahead if compared with many other European countries. There are to day 1,123 co-operative societies handling agrarian industries, and 183 societies exclusively interested in dairying and cheese making. At the agricultural colleges at Milan, Pisa, Portici, Bologna, Perugia and Acireale the annual number of students anxious to be theoretically instructed is steadily increasing. One hundred and twenty-five travelling professorships have been founded for the diffusion of instruction in agricultural and live stock matters by means of lecturing, and large field areas for crop experiments and demonstration have been set aside in very many parts of the country to let the farmer obtain at his own door a practical of obtaining information, leading to improved

in his own sphere. The old-established Italian Agricultural Federation with head offices at Piacenza has now well over one thousand sub-associations spread all over the country through which farmers small or large and others can sell their produce and purchase their daily requirements at prices far below what the individual would have to pay in the open market. A number of agricultural banks are chiefly devoting attention to the requirements of the farmers and stock breeders, and when the new movement for improving the economic relations between landlords and land workers has had time to consolidate it is probable that much now undeveloped land will come under cultivation. Among other modern improvements, one of particular interest is a system of collective farms financed by credit establishments with special inspectors travelling about to advise the peasants on breeding and crop cultivation. Italy is rich in charitable societies of owners of much land and these societies are now combining with a view of renting their land direct to peasant associations.

Regular and well arranged competitions organised by agricultural and breeding societies have greatly contributed to improvement in stock breeding. The Government patronise all important shows and grant money prizes. Until a few years ago the judgment framed by judges at these shows was as a rule formed in reference to beauty of form. Now however, there is a general conviction abroad that the performances of these animals must be tested.

As regards horse breeding a show for cart horses is held every year at Cremona and is of great importance. It is organised by the local Chamber of Agriculture in conjunction with the Society of Breeders of Italian Cart Horses with headquarters at Cremona.

In Lombardy and more especially among Cremonese farmers the heavy breed of the Belgian type introduced only some 20 years ago is now in great vogue and horses now bred in this district are not inferior to their Belgian ancestors. The exhibitions held at Cremona are always excellently organised and visited by thousands of breeders from all parts of Italy as well as from abroad.

In the spring every year important shows take place at Salerno Grosseto Foggia Catania Chilivani and Merano all of which are financially supported by the Government as being instrumental in furthering the improvement of the breeds in these different districts. At Salerno Grosseto and Foggia a half blood horse of beautiful exterior with well set strong legs suitable for both harness and saddle is bred and at Catania in Sicily and at Chilivani in Sardinia very fine horses can be seen. A well arranged horse market takes place twice a year in the spring and autumn at Verona and cattle shows are held in all parts of Italy where stock breeding and local breeds are of outstanding merit. Among these breeds the Romagnole the Chianine the Maremma the Piemontese and the Sicilian cattle varieties should be mentioned. Most important of all is the cattle show at Cesena for the Romagnole

breed. These cattle originate from the Piemontese race and have been developed to a very high standard of perfection as beef producers. They are white in colour with brown head and neck of beautiful shape, and reach an average weight of 15-22 cwt. At the cattle fairs held at Cesena every year in September some 800-1000 young bulls (Torelli) are exhibited, as a rule of good breed and great beauty of form, and a number are sold for crossing other breeds of Podolian origin.

Regular shows of dairy cattle are held in September at Crema where the dark-coloured Alpine cattle can be seen. Lately Dutch Friesian cattle have come into vogue in Italy for their milking propensities but according to all reports this experiment has not produced satisfactory result, and it seems likely that they will be substituted for the splendid "Brown Swiss" now bred everywhere in Italy. In Cremona these Swiss cattle have reached a high degree of development.

The annual Cattle Shows at Crema are held under the auspices of the "Crema Herd Book Society for Dairy Cattle" and are splendidly arranged and managed in every respect.

There are no special shows for sheep and pigs but this kind of live stock is always exhibited at the above mentioned horse and cattle shows, while in various districts smaller fairs are held in conjunction with local markets and here sheep as well as pigs are regularly exhibited and sold.

The Milan Show should be mentioned as being of a general character and for the benefit of all the different breeds and races of domestic animals in Italy and deserves to be visited by all interested in live stock breeding.

In southern Italy sheep breeding is still the main stay. In north Italy the most common breed is the Bergamasco large bodied animals growing short wool of a coarse quality, 4-3 lbs per annum. As a rule they are shorn twice a year, and their chief characteristic is their rich milk and the splendid lambs which new born weigh 4½ to 5½ kilos and when fattened constitute a great delicacy. These sheep are as a rule fattened off when reaching the age of 2-3½ years when the live weight is from 60-65 kilos. Every small farm in this part of Italy derives its mainstay from a flock of Bergamasco sheep. In the central and south of Italy Merino sheep breeding is the chief live stock pursuit. The Merino sheep is classified under various local names such as Vissana sheep, Gentile di Puglia etc. but the Puglia breed is probably the most popular owing to its beautiful lustrous wool of which the annual production is about 2 kilos. It is a highly cherished sheep among small farmers as it produces very rich milk from which the Pecorino cheese is manufactured while the lambs when fattened always fetch top prices in the name of Abbacchio where they are handled under the name of Abbacchio being killed at an age of 35 to 45 days. Some years ago efforts were made to improve the Vissana sheep through crossing with Spanish as well as Rambouillet Merino rams and the crosses have proved very successful as regards wool production and many an expert claims

that these new type sheep are superior to all other European Merino sheep. Another Merino strain, the Sopravissana, is also remarkable for its beautiful shape and large size, fine wool and early development, and at sheep shows during the last few years this breed has attracted great attention from live stock improvers. In the Tavoliere di Puglia large flocks of sheep are wintered but taken up to the mountain pastures as early as weather permits, and here in the Abruzzo the sheep quickly develop on the beautiful and nourishing herbage. This is a most interesting sheep grazing district, intercommunicating for miles and miles, pasture leading into pasture through mountain passes known only to the shepherds, the sheep dogs and the sheep themselves.

On the Roman Campagna and in the Tuscan marshes the Sopravissana sheep graze during the greater part of the winter and, like the Puglia sheep, are taken on the pastures in the Abruzzo early in the spring.

Another sheep, very popular with the smaller farmers, is the Roman sheep, also called Lecce, as owing to its thriftiness, small size but wonderful milk producing capacity even the poorest cottager can afford to keep one or two. It seems to be able to exist on

next to nothing, but its wool is of the coarsest quality. From these Roman sheep some other breeds have originated, such as the Sardinian and the Sicilian sheep, likewise small-sized but rich in milk production.

With a view of improving the native pig races, *Berkshires* and *Tamworths* have been imported from time to time, however, without finding adherents; but *Large Black* and *Large White Yorkshire* boars are reported as being wonderful improvers whenever utilised in crossing. They are in vogue with the larger pig breeders, but whether the habit to cross on the crosses leads to any result is very questionable. Probably the best development of the Italian indigenous pig races is on lines of careful selection of the very best among these, with in-breeding carried on to a certain point. There are several distinct types in Italy such as the *Garigliano* pig, also called *Casertana*, one of the best indigenous pig breeds in southern Europe, of great fecundity, and most delicious in flavour and taste. These pigs fatten very easily. In colour they are slate grey, and the body is covered by a rich growth of hair. Other breeds are the *Chiamina*, the *Piedmontese* and the *Romagnola* pigs, certainly all valuable and capable of considerable improvement.

Illustration page 566

Prominent Breeders.

Alfani, Gerardo, Commendatore	Salerno	Masi, Giuseppe De Cavaliere	Torino
Barbacci, Baron	Caserta	Molteni, Fratelli	Toroglietta, Taranto
Biondi, Gastone, Cavaliere di Stato	Caserta	Montanone, Gustavo, Commendatore	Trapani
Bisetti, Clemente, Traviere	Verona	Orciani, Ing.	Crotta
Carli, Giuseppe, Commendatore	Caserta	Orciani, Commendatore	Brescia
Cassoli, Commis.	Trapani	Pastore, Oscar, Commendatore	Battipaglia
Cattedra di Agricoltura di Cesena		Trapani	On. Cerreto
Cattedra di Agricoltura di Rimini		Trapani, Commis.	Reggio Emilia
Condotti, Fratelli	Battipaglia	Prati, Angeli, Cavaliere	Cremona
Faina, Claudio, Count	S. Venziano, Perugia	Prati, Gaetano, di Commendatore	Scandiano, Aquila
Farina, le Mattia, On. Baronissi	Salerno	Prati, Dr. Luigi	Cremona
Federazione Consorti Sta. Jovis, Brecciani	Brescia	Salvati, Duke of	Mezzano, Pisa
(Federation of Breccian Stallion Breeders Associations)		Sanseverino, Vincenzini, Count	Quindici, Cremona
Filippo, Moscati, fu. Fratelli		Sera, Pasquale, Dr.	Gratelli, An. Ro.
Fiorini, Airo	Caserta	Societa per il Libro General, Assoc. di An. di latte	Crima
Galli, Fratelli	Cremona	Societa per il cavallo di tiro pesante Polak, Assoc. di latte	Castell. (Te)
Genesi, Fucoli di, Senatore	Arenzano, Imperia	(Society of Breeders of Heavy Horses Arjenne Tye)	
Gherarducci, Della, Count	Trapani	Stange, Melfonso, Marchese	Gen. Te di A. della
Gusli, Count	Trapani	Stefano, Di Fratelli	Terracina, Rome
Imenna, Fratelli	Battipaglia	Tratta, Fratelli	S. Severo di Puglia
Manicomio Provinciale di Como	Trapani	Wentner, Federico	Fratte di Salerno
Mari, Eliso, Commendatore	Trapani	Zanelli, di tuore, Commendatore	Terracina, Roma
Margi, Giovanni, Cavaliere	Tuscani, Aterbo	Zetta, Michele, Baron	Cetina, An.

LIVESTOCK BREEDERS' AND MILK PRODUCERS' ASSOCIATIONS

Associazione Agricola Lombarda	Milan	Confederazione delle Corporazioni Sindacali Agricole	Rome
Associazione Agricoltori e Produttori Latte	Lodi	(Corporazione Nazionale degli Agricoltori)	
Associazione Cremonese Industriali del Latte	Cremona	Co-operativa del Latte	Milano
Associazione del Latte	Bergamo	Co-operativa Produttori	Lirio Pavia
Associazione Industriali del Latte	Novara	Istituto Agricole del Molise Straloni	Straloni
Associazione Industriali del Latte	Favia	Istituto Coloniale Agricolo Italiani	Italiani
Associazione Provinciale Latte	Favia	Primo Sindacato Agrario Co-operative	Primo
Associazione Zootecnica Cremonese	Cremona	R. Accademia Leonorini e Agraria del Georgofili	Leonorini
Commissione Tecnica per il Miglioramento degli Agricoltori	Rome	R. Accademia di Agricoltura	Trenti
Comitato Zootecnico Provinciale Cremonese	Cremona	R. Istituto Superiore di Scienze Economiche e Agrarie	Venturi
Comitato Latte del Duemiglia	Cremona		

SCHOOLS FOR LIVESTOCK BREEDING AND AGRICULTURE

R Scuola di Agricoltura	Bologna	Scuola Pratica di Agri. Murra - A. Ciuffi li'	Torin
R Scuola di Agricoltura Ascoli	Pereno	Scuola Superiore di Agri. di ita	St. f. n.
R Scuola Pratica di Agricoltura	Firenze	Scuola Superiore di Agri. di ita	St. f. n.
R Scuola Pratica di Agricoltura	Coenza	Scuola Superiore di Agri. di ita	St. f. n.
R Scuola Pratica di Agricoltura	I bati	Società Agraria di I bati di ita	St. f. n.
R Scuola Pratica di Agricoltura	Tabriz	Società Agri. di Argentina	St. f. n.
R Scuola Pratica di Agricoltura	Lecco	Società Agri. di Italia	St. f. n.
R Scuola Pratica di Agricoltura	Perugia	Società Agri. di Italia	St. f. n.
R Scuola Pratica di Agricoltura	Porto di del	Società Agri. di Italia	St. f. n.
R Scuola Pratica di Agricoltura	I bati	Società Agri. di Italia	St. f. n.
R Scuola Pratica di Agricoltura	Albania	Società Agri. di Italia	St. f. n.

Livestock Breeding in Jugo-Slavia.

The last Live Stock Census in the Serb Croat Slovene Kingdom estimates the sheep flocks to number 7 940 000 the pig stock at 2 810 000, the cattle at 3 710 000 head and the number of horses slightly over 1 120 000. The present Jugo Slav country, resulting from the war through the fusion of the kingdoms of Serbia and Montenegro with the Jugo Slav portion under the Austro Hungarian Crown in pre war days now totals about 87 000 square miles in area with a population of about thirteen million people and is constituted as follows

Serb a	th an area of 34 509 sq m les	Est pop	5 700 000
Croat a and Slavon a	10 42		3 100 000
Montenegro	5 820		6 0 000
Banat	6 000		940 000
Bosn a	16 240		1 835 000
Herz go vna	3 530		312 000
Carmen	2 500		348 000
Ste crna k	1 909		347 000

Jugo Slavia is in many ways and respects a remarkable country where political activities and agricultural pursuits are the main occupations of the people. There is not too much love lost between the various races and personal disputes are more often than not settled outside the Law Courts in a forcible manner. The different nationalities now joined together under one crown are highly intelligent very industrious and passionately devoted to farming and stock breeding and Jugo Slavia is forging ahead as a live stock breeding country. Serbia is one of the most fertile countries in Europe and in spite of very primitive methods of cultivation magnificent crops are constantly produced wheat and Indian corn being the principal grains. Splendid fruit is cultivated and the plum orchards an interesting feature yield enormous quantities of fruit from which dried plums and the world known plum brandy (slivitz) are made. Tobacco is extensively cultivated and fairly good qualities are marketed. Hemp is another article of importance. The pastures are excellent abundant and capable of maintaining much larger numbers of cattle sheep pigs and goats than the present stock. Most of the agricultural land is owned by small peasant proprietors all land being freehold. Agricultural buildings are as a rule well kept and of a pleasant appearance. The Serbs still remain to day in main a pastoral people devoted to agricultural pursuits and live stock breeding intelligent hard working painstaking law abiding and very proud of their country and history.

Formerly a Crown land under Austria Hungary Croatia Slavonia is a mountainous and very hilly country. The Rivers Drave and Save cross the country with large level plains on either side of very fertile soil where large numbers of live stock are maintained. Speaking generally the whole country is very fertile where excellent wine is produced although live stock raising is the main occupation of the inhabitants. Manufacturing industries are carried on in a small way. Perhaps the chief income from farming is pig fattening in the oak forests of Slavonia.

Most interesting among the various portions of

the present day Jugo Slavia Bosnia should be specially mentioned. It is a well watered country with a great number of elevated valleys of peculiar fertility where live stock seems to thrive remarkably well reaching size and developing more rapidly than perhaps is the case in other parts of the country. The country is splendidly watered as many very considerable rivers flow northwards joining the Save. Probably almost half of the surface of Bosnia is covered by splendid forests where all kinds of game abound from which the fur trade obtains large contributions of fine skins. The area under cultivation is not very considerable but the pastures in the fertile valleys are very valuable. Sheep rearing and pig fattening are the chief occupations of the farmers but excellent cattle are bred prominent for their fattening propensities as well as considerable milk yield. Like the other parts of the country, Bosnia is a prominent wine producer, excellent grapes being grown in many parts of the district. During the winter the temperature is very cold even severe in parts while the summer is warm and pleasant. Among the various races now constituting Jugo Slavia the Bosnians are the most interesting still in the main oriental in dress mentality and outlook. The number of gypsies roaming about is considerable. While Bosnia in mediaeval days for a short time existed as a Slavonic kingdom the country was conquered by the Turks in 1463 since when numberless bloody insurrections have occurred. The Bosnian is a born live stock breeder with a keen eye for this occupation and his love of beautiful horses and well developed domestic animals is remarkable. The chief export articles are grain live stock and animal products. The chief town is Sarajevo (Bosna Serai) and the other important towns are Tuzla Travnik and Bieline.

That Jugo Slavia has made material progress is indicated in many directions. The town of Belgrade before the war more or less a straggling town has trebled its population railway construction is now actually carried on war debts have been funded and production is increasing—the maize harvest in 1927 reaching nearly 4½ million tons and the wheat crop 2½ million while other cereals have increased by 50% to 90% in yield. As stated Jugo Slavia is forging ahead and will some day be a large contributor in grain live stock and other agricultural products as the country is now with its area of 250 000 sq kilometres the largest of all the Central European and Balkan States with the exception of Roumania. To day the country is racially much more compact than the other Succession States Poland and Czecho Slovakia as the Slavs now form an absolute majority constituting from 82% to 97% of the population in every part of the country. It is entirely a State of peasants and these dominate the Skupshtina and with the exception of the three towns—Zagreb Belgrade and Subotica where the population is well over 100 000 and very mixed—the Slavs are everywhere in a ruling majority.

Nearly 90% of the population are agriculturists living by tilling the land and rearing live stock while 82% of Jugo Slavia's export trade is made up of live stock live stock products and agricultural produce. When the country is better developed in regard to railway communications Jugo Slavia may become one of the main factors in Central European politics. It is to be hoped that the constant struggle always fought on purely racial lines between the Croats the Slovenes and the Serbs through their political peasant parties may cease as the matter for dispute is more or less

only a question of procedure and those who have some inside knowledge of the political questions agree that there really are fewer difficulties to be settled than Germany and Italy had and did settle during the last century. Apart from these political animosities there is perhaps constant fear of Italy but this has to a certain degree contributed to draw the Croats closer to the Slovenes and the Serbs and when the country and the people become more knit together and the various races cease to distrust each other the prosperity of this rich and fertile country will rapidly increase.

Prominent Breeders.

CATTLE AND HORSES

I a ka —	St Fat e Ba hka	Ju o s a a	Laf ry h B anka	C adnoh Srem	J u o S l a a
Dund rsk Ljoka	Kemendin Ba hka		La r S pan	L p k Izodora ar Sla on a	
L und rsk C olo n Dr	Ch b Ba hka		L bish Ju	Z abnat a Ban hka	
Dund rsk Ja ha	Ku osh Ba hka		M ka k	Tok Srem	
Dund rsk S t e a	S b bran Ba na		Sht m Lou	Zh b na Croat a	
Lir Ful t	Vukovar Srem		V amosch r Irv n	S nbo Bancka	
Lernbah I tar	Ch h ko bombora Ba hka		V o n h J ap l	D n a Nogat za Ba hka	
Lernbah I an Dr	Tur k Bet h j Banat		Vo anov Oka Mrs	H z da hka Banat	
Jank h Jo v	Nat h Pusta Croa ia				

Livestock Breeding in Latvia.

The Live Stock in Latvia comprises about 920 000 head of cattle 1 127 500 sheep 534 600 pigs and 369 800 horses

The thrifty little Latvian country is remarkable for the co-operative spirit which seems to have taken hold of all and sundry. The visitor to Latvia anxious to get in touch with the individual live stock breeder is invariably informed that he can best do so through the society to which he belongs and it is through one or other of these many co-operative societies of which Latvia abounds that business transactions with the live stock breeder are carried out. One of the small countries in the world comprising only 25 000 square miles it has a relatively large population nearly 2 million inhabitants and thus is densely populated with more than 100 people to the square mile. As is the case with Denmark a disproportionately large percentage of the population 400 000 is crowded in the capital Riga.

The basin formed by the Daugava River round the Gulf of Riga is largely populated and Latvia now includes parts of Vidzeme (Livonia) parts of Kurzeme (Courland) and the Province of Latgale and Zemgale. It is flat in parts marshy land where to the casual observer there is more water than land as Latvia can boast of 1 000 lakes. Of these the largest is Lake Lubanes. It is a thrifty hard working people and agriculture and dairy farming are the chief occupations.

The political system is a single chamber Assembly consisting of 100 members elected by universal adult suffrage. Next to agriculture in importance the fisheries yield a very substantial income.

In the following list of co-operative societies the diversity of purpose of these will be gathered and as a stock raising country Latvia will undoubtedly be able to influence the live stock industry in Russia when normal conditions once more obtain in that country.

The banking system is highly developed and the thrifty live stock breeder can always count on financial assistance when required.

Agricultural education is foremost on the programme of the Government and it will be seen that the country is well served in the direction of schools for breeders and farmers. The young Latvian farmer is wide awake to the necessity of bringing his land up to the highest possible production and convinced that the means to attain this end is live stock breeding. The many hundreds of these young men who yearly attend the agricultural schools will in their time become breeders of good live stock and propaganda among them may lead to an outlet for breeders anxious to export their animals.

Livestock Breeding in Luxembourg.

The Live Stock Census estimates the cattle stock at 83,000 head, and pigs about 91,000, horses at about 17,200 and sheep 3,650. It will thus be seen that the live stock breeding industry is very small, but so is the country, although from the agricultural point of view well developed. Splendid horses are bred, chiefly of the Ardenne type, and the cattle are all of the Belgian breeds. This miniature Grand Duchy is an exceedingly prosperous country, hemmed in by other countries without any outlet to the sea. In ancient times Luxembourg was one of the greatest strongholds in Europe as the town is situated in a narrow valley on a rocky plateau, descending precipitously on three sides into the narrow valley traversed by three rivers, through which position an enemy could be held at bay. The total area is about 1,025 square miles of which a portion includes the region of the Ardennes. Pastures and farming lands are watered through the river Moselle. National riches are derived from the iron ore deposit through which an iron and steel industry of some considerable importance has long existed here. The Luxembourg farmer has always enjoyed the reputation of being a very good agriculturist and horse breeder, and in the middle ages European War Lords loved to draw their horse material from this country. The value of the land is very high owing to its great fertility and the high yield in percentage derived from almost every crop. In the Middle Ages when Luxembourg was a monarchy, it wielded considerable sway over the destinies of Europe

but as a result of the Peace of the Pyrenées in 1659 when a considerable portion of the country had to be ceded to France the Duchy was compelled to adopt the name of French Luxembourg. Shortly afterwards, in 1713, Luxembourg came under Austrian rule and remained as such until 1795 when it came under French rule. The present Grand Duchy was created through joint action of the great Powers in 1867.

Live stock breeding is generally conducted in connection with dairying. The number of co-operative dairies in the Grand Duchy is now 147, the members of which are all cattle breeders.

With a view of disseminating instruction concerning improved stock breeding the Government maintain an Agricultural Institution at Ettelbruck where likewise an Experimental Station is maintained for live stock breeding. Among the most noteworthy of these co-operative dairies are

The Co-op Dairy at Arsdorf	The Co-op Dairy at Hobscheid
Bachlinden	Holler
Bastendorf	Höngen
Bondorf	Kehlen
Bornscheid	Lullingen
Binden	Notstein
Cruchten	Obern
Daneols	Oweler
L.B.	Reisdorf
Lepeldorf	Schandel
Seiborn	Trotten
Isdorf	Wahl
Hettingen	Wolvelange
Hettingen	

The control of the dairy industry and stock breeding is exercised by two powerful corporations:

La Commission de Surveillance des Laiteries at Ettelbruck
La Fédération Nationale des Laiteries Co-operatives, at Borgerstrasser

Livestock Breeding in Malta.

The latest Live Stock estimate states 6,200 head of cattle, 18,500 sheep, 6,500 pigs and 3,200 horses.

From the live stock breeding point of view Malta is, of course, a very insignificant territory, as the island only contains 118 square miles. The soil is very fertile, and the quality of the stock bred here—cattle, horses, sheep and pigs—is very good. The main island Malta is the chief centre for stock breeding but live stock is also bred on a number of the smaller islands belonging to the Maltese Group—Gozo, Comino etc. Malta is an interesting illustration of how the soil can be improved and made extremely fertile through the industry of the people. Naturally it is thin and very scanty, but thanks to the continuous energy displayed by the island farmers through which the surface rock is constantly powdered up, the whole surface of the island has, in this manner, been brought into remarkable productivity. The agricultural crops consist of fruit, barley and cotton.

The island has passed through many vicissitudes resulting from its geographical position. Thus in the year 1565 the Turks overwhelmed the country when, however, thanks to the heroic fortitude of the

inhabitants the invaders were turned off. Especially during the sixteenth century when the Mediterranean Sea was the centre of struggles between the Cross and the Crescent, Malta came into prominence through her Knights. Resulting from Napoleon's invasion of the island in 1798 when he forcibly drove out the

Order of the Knights the islanders applied to the British Crown for protection, and as England, ever since the time of Queen Anne had desired to establish a Base for her Mediterranean fleet at the island, protection was guaranteed since when undisturbed prosperity has ruled in this little self-contained land.

The cattle in Malta are of the Piemontese type. Through inbreeding their natural propensities for easy fattening have been developed and undoubtedly a further improvement could be brought about through a gradual grading up process. The sheep are mostly of the 'Gentile di Puglia' breed, and fairly good. There is a great need of fresh blood infusion in the pig stock.

Livestock Breeding in Norway.

By J BAASHUUS JESSEN Government Live Stock Officer Oslo (*Statens Stambokskontor*)

The last Live Stock Census (1927) estimates the agricultural live stock of the country at 1 210 000 head of cattle 300 000 pigs 1 610 000 sheep and 183 000 horses The sanitary conditions at the farms speaking generally are satisfactory Diseases do not exist Foot and mouth disease is entirely absent

CATTLE Norway is a land where the natural pastures are always in a state of excellence In many places owing to insufficient pastures in the immediate vicinity of farms and homesteads the live stock early in the spring or summer moves up to the mountains and is kept there over the summer and the milk products butter and cheese gained day after day are stored and at the commencement of the autumn when the stock is taken down to the villages in the valleys transported to the towns for sale

Norway has several indigenous breeds of prominent qualities such as the red Polls on the Eastland side and the Dole cattle and the red Tronder cattle all of which are double purpose breeds inasmuch as they are easily fattened after lactation periods besides being good milkers Whether these indigenous breeds are still quite pure is impossible to say as possibly during the course of time foreign blood may have been added

THE TELEMARCK CATTLE one of the most ancient breeds in the Telemark county valleys from where it has spread all over the country is prominent Now bred absolutely pure much care being devoted to selection the yield has been considerably increased during the last ten years According to cow testing state ments 5 100 lbs production with 3 7 % butterfat was the average some seven—eight years ago while the average from a number of cows under control in care of six control Associations recently showed 10 000 lbs milk with 3 41 % butter fat but it is not uncommon here and there to find cows of this breed producing 13 000 or more lbs milk with a butter fat percentage of 3 56 The long and well curved horns peculiar to this breed give the Telemark cattle a picturesque appearance Here and there polled strains may be found but on the whole the breed is characterised by its very big horns The colour is red with a broad line along the spine the belly white or brindled These cattle have a certain likeness with the Longhorn cattle in England Few breeds have been subject to such intensified in breeding as is the case with the Telemark cattle owing to the fact that for many years the various local breed Associations only kept one bull and owing to the distance between the villages and the severe winters one bull had thus to be utilised over and over again on his own progeny The recently founded Telemark Herd Book Association issued its first Herd Book in 1926

THE RED POLLED CATTLE emanate from the Akers hus and Østfold counties This breed is somewhat heavier than the Telemark cattle cows weighing from 880 to 990 lbs As regards yield of milk and butter fat the performance is very like the Telemarks Generally speaking the red polls are not grazing in the mountains like the Telemarks and therefore perhaps are producing heavier carcasses when slaughtered Volume 1 of the Red Polled Cattle Breeders Association was recently published containing entries of 1 107 bulls and 1 770 cows

THE DOLE CATTLE are chiefly bred in the Gud brandsaa valley dark brown shifting into black colour a somewhat heavier breed and yielding an excellent carcass The annual milk production varies from 4 000 to 4 500 lbs with 4 % butter fat

THE TRONDER CATTLE are chiefly found round the Trondhjem Fiords and probably the breed contains admixtures of Scottish and Swedish Ayrshire blood Indeed it is often stated in Norway that the Tronder cattle of the present day are closely related to the Ayrshire cattle in those countries owing to the blood infusion of imported bulls The annual milk yield is round about 5 000 lbs with 3 7 % butter fat The average live weight is 790 lbs for cows and from 1 650 to 1 980 lbs for bulls

THE ROROS CATTLE a very ancient breed widely spread over the country but chiefly found in the north and probably related to a similar looking cattle breed in Sweden and Finland is also remarkable for good performances and outstanding beef propensities The colour of these cattle varies from sometimes complete white with black ears and muzzle to deep black with a white broad line along the spine and totally white belly This breed is mostly hornless although horned individuals may be seen The live weight for cows is on an average 660 lbs and the average milk yield from 4 000 to 4 500 lbs with 3 8 % butter fat

THE WESTLAND CATTLE is a breed somewhat undefined in appearance and general qualities as local conditions and other factors seem to have moulded them into a multitude of special varieties The Department of Agriculture is however now anxious to limit the number of these varieties with a view of creating a more uniform breed type As a rule these cattle are

red coloured sometimes brindled and almost without exception hornless. The annual milk production is estimated at 5500 lbs with a butter fat percentage of 4.5. Many cows however are reported yielding 8,800 to 9,000 lbs with a butter fat percentage of 5 or even more. Breeders of these cattle have recently formed an Association known as The Lyngdal and Westland Red Polled Cattle Breeders Association and for the time being 1,400 bulls and 500 cows are registered. Whether the cattle breed known as the

Westland Fiord Cattle to be found in the counties of More Sogen and Hordaland are descendants of the Westland cattle or not it is difficult to say although it is often stated to be the case. These last mentioned cattle however are horned and in some places deep black in others entirely red. In the Herd Book recently published by the Association of Breeders of this type 750 bulls are registered.

Pigs Although pork is widely consumed in Norway and the pig a cherished animal pig breeding does not seem to have developed to such a degree as cattle breeding. The ancient Landrace pig, slate grey in colour with upright ears seems to slowly disappear giving way to a new type of Landrace pig with the ears drooping and generally in appearance reminding of the Landrace types now pure bred in Sweden Denmark and Germany. The stock of this pig is however very uneven as may be seen if one travels over the country but great efforts are certainly being made by the Department of Agriculture as well as by the various breed associations to encourage more uniformity in breeding. It is an excellent type which undoubtedly may be developed into a valuable national pig. Probably through selection and great attention to district breeding the size may be somewhat increased and more rounded and fuller hams developed. The Landrace pig is remarkable for its big litters and general fecundity and recent series of experiments have fully proved that the pig is capable of performances comparable with those of the Large White Middle White and Berkshire pigs.

Various English breeds are also to be found in certain parts of Norway originally imported chiefly Tamworth the Middle and Large White Yorkshires and Berkshires. The Large Whites are much liked and seem to prove suitable for the Norwegian climate and conditions.

SHEEP It is probably correct to state that among the various domestic animals in Norway the sheep is one of the greatest outstanding national value as it can utilise the grazing in the mountains as no other animal in Norway can do. Thus it is explained that the sheep stock all over the mountainous parts of Norway is increasing while in districts where arable land is utilised for dairy cattle and pig breeding the stock seems to be decreasing from year to year. During the long winters when snow and ice cover the pastures the sheep have to be kept in stable and for this reason it is often the rule to kill off whole flocks

towards the end of the autumn causing an unnatural overstocking of the mutton market in the capital and elsewhere. The indigenous type of sheep that has existed in Norway since time immemorial is a valuable breed cherished by the peasants all over the country and is chiefly remarkable through its appearance—a stumpy tail very large horns chiefly in the rams. As this breed is exceedingly hardy able to exist on the scantiest of food it is recognised that through selection of rams to be mated with ewes of outstanding quality the breed can be very much improved and probably meet an export demand from countries where local and natural conditions are similar to Norway's. These sheep climb the mountains like goats consuming almost anything from the bark of trees to heather and exist and yield mutton wool and milk on food that seems almost valueless. Their fertility is remarkably developed twins being rather the rule than the exception. The percentage of new born lambs dying is less than 10. While obviously such conditions of life do not tend to high meat and wool production the cost of upkeep on the other hand is so low as to be almost insignificant and therefore these attempts now being made in various parts of the country to improve the breed through crossing with imported strains may not be the very best policy.

Among imported breeds now found in many parts of Norway the Cheviots are most commonly met with and in many districts this breed has impressed its salient features on the local stock of sheep. Along the coast of Norway Black faced sheep are every where to be seen while in the Eastland districts the Oxford Down sheep seems to be much in favour. In the Rogaland county the Border Leicesters and Leicesters are much liked and have been utilised for the improvement of the Norwegian Ryggja and Dala native breeds in the Hordaland County. These types of Norwegian sheep reach a life weight of from 140 to 246 lbs for the rams and 95 to 180 lbs for the ewes. In the North Trondelag county the local breeds seemed to have been crossed by Merino rams as one can distinctly trace features of that breed but how and when such crossing took place is unknown.

SHEEP DOGS Then in Norway a remarkable type of sheepdog is bred generally known under the name of Buhund whose instincts as a flock shepherd is fully comparable with the sheep dogs of the best strains in other countries. It is maintained that this dog has either inherited its qualities from the Icelandic dog or from time to time has been crossed by that type. This dog is now bred pure and accorded its own section in the Norwegian Kennel Club through which he is being shown every year. The height of the dog at the withers varies from 10 in to 18 in colour black fawn red and grey.

HORSES The Norwegian so called Gudbrandsdal horse—or Eastland horse—of a brown sometimes bay or black colour is a remarkable animal intelligent elegant in appearance and movement easily fed and of great endurance. The Government r

PROMINENT BREEDERS (contd.)

SHEEP

Åsland Aase Gjestal Rogaland	Landraze Sheep	Opdal Anders Veldre	Oxford Down Sheep
Åsland, Kristian Fiksen Rogaland	Blackface Sheep	Ramse Olav Verison Tovdal Åmli Stat	Landraze Sheep
Bjønnefjord Tollef Lena Tøten	Oxford Down Sheep	Ristad A P Vål	Cheviot Sheep
Brundland Ole Liv k Nordfjord	Landraze Sheep	Ravnal Anles Gjestal	Landraze Sheep
Edøy Sørensen Edøy	Blackface Sheep	Ravnal Torger A, Gjestal	Landraze Sheep
Foss Ole Bjørkheim Rogaland	Landraze Sheep	Skjupstad Ketil Helleland	Oxford Down Sheep
Tjønn Gurborg Bryne Rogaland		Strømberg Gunnar Iverum	Landraze Sheep
Gjerdal, Fanciel Gjestal		St. Trøndelag Landbrukselskap Trondheim	Landraze Sheep
Gjerdal Marten Helleland		Stivland Magnus Kyrland Gjestal	
Hagerup Aase Overhalla Namdal		Stene Rasmus Frostia	
Haugen Olav T. Moissund	Cheviot Sheep	Svenneby Dr. Våler Solør	Oxford Down Sheep
Hattberg Jens Samsonsen Kvinnherad		Tjøttland Per Gjestal	Landraze Sheep
Indrebu Ier Hovdevåg Sunnfjord		Tonstad Ketil Tonstad Srdal	
Johnsberg Landbrukskole Stange	Oxford Down Sheep	Tveit Ole Lippheim	
Krog Lorents Frostia	Landraze Sheep	Undheim Ole Olaf Bryne Rogaland	Blackface Sheep
Moen Anders Mønshaugen Aass		Uppstad Niklas Eivindsson Rysstad Setesdal	Landraze Sheep
Næstbiller Ole Austevoll		Voll Bendt k Vigrestad Rogaland	Blackface Sheep

PIGS

Bjønnefjord Thron Lunner Stat.	Landraze Pig	Langaard Elisif Mrs. Ottestad Stat	Yorkshire Pig
Gunnelsrud Hans Råde	Yorkshire Pig	Lystad Marten Sørumsund	
Holtsmark Torger Hvalstad	Landraze Pig	Sendstad Brødrene Hjeltn	Landraze Pig
Hvam Landbrukskole Ames		Slettum Arne Kkeby Gjøvik	
Johnsberg Landbrukskole Stange		Wettum Ludolf Botne Vestfold	Yorkshire Pig
Kalnes Landbrukskole Sarpsborg			

HORSES

Aamodt Daniel	Jølster	Sunnfjord	Jondanger Albert	Brem	Nordfjord
Aas Nils		Fdivoll	Kalnes Landbrukskole		Sarp borg
Andeberg k. J.	Stranda	Alesund	Kleven H	Nord	Ottestad Stat
Aure Lars	Sykkylven	Sunnmøre	Koller C	Vardal	Gjøvik
Braasmoen Carl		Ringsaker	Langaard Mrs. Elisif		Ottestad Stat
Bratt Arne	Tune	Jæren	Lie August		Ottestad Stat
Dahl Torbjørn		Mandalen	Myklebust Severin		Nordfjord
Debloug Aksel		Brumundalen	Nordang Jakob	Sæbø	Sunnmøre
Eldstad Nils		Ringsbu	Opstad Landbrukskole	Storhove	Faberg
Fauske Petter	Sykkylven	Sunnmøre	Opstahl Anders		Veldre
Fugleset, Magnus		Molde	Rimestad Ole	Nærbo	Jæren
Gjerdang Holbjørn		Bjell Stat	Ronneberg Lars	Vitlerdal	Alesund
Gjerdstad E. vind		Veldre Stat	Selset Kristen	Hornumdal	Nordfjord
Grafner Hans		Lom	Skaara Rasmus	Opstryn	Nordfjord
Grun Johan		Gran	Slatten	Ferde	Sunnfjord
Haaland Helmsk	Varhaug	Jæren	Scheu Johannes		Nordfjord
Hartstad Jon	Kvikne	Vatna	Stuve Jer	Stordalen	Sandbørdalen
Hestenes Nils	Valsøfjord	Nordmøre	Sunde John	Mandresunde	Nordfjord
Holager Thor		Iseng Stat	Ulven P. n	Vang	Hamar
Hvein Anders		Bjell Stat	Vasboin Jacob	Volda	Sunnmøre
Iseng S. men		Ottestad Stat	Wegum Ole		Vatna Stat
Jordreide Gunnar		Alesund	Yri W. helin	Olden	Nordfjord
Jo sberg Landbrukskole		Stange			

The
Norwegian
Horse

NORWEGIAN HORSES

is one of Europe's Hardest, Strongest and most Beautiful Breeds Before the world war these small, elegant, and quick-footed Horses were exported to many countries of Europe and Latin America One of the largest of Norway's "Horse Breeders' Associations," prominent Exhibitor at all the Stock Shows in the country, would appoint Agents in other countries for the introduction of these peculiarly useful animals Correspondence invited

Letters should be addressed Norwegian Horse Breeders' Association, Stavanger
c/o International Directory of Pedigree Stock Breeders, 23 Fleet Street, London, E.C.4

Livestock Breeding in Poland.

By PROFESSOR JAN DE ROSTAFINSKI, Director, Institute of Animal Husbandry, Warsaw

Live Stock in Poland suffered heavily during the war, in numbers as well as in quality

The improvement of our breeds is in the hands of individual breeders and breeders' Associations. Encouragement and assistance is rendered by the Government as well as by Provincial authorities. Live stock matters are under the control of the Department of Animal Husbandry Ministry of Agriculture

The following table shows Poland's Live Stock.

	1913	1926 Estimate
Horses	3 498 156	4 000 000
Cattle	8 668 702	8 800 000
Sheep	4 474 488	2 500 000
Pigs	5 488 122	5 500 000
Poultry	—	50 000 000

According to estimates for 1926, pigs increased by 500,000 and cattle by 150,000

HORSES The present native breed originated through crossbreeding the native, rather small-bodied horse with Thoroughbred stallions or with Oriental "Anglo Arabs." The Polish horse seems to be remarkably adapted to local conditions

The breeding of pure Arab horses, prior to the war centered in the Russian Provinces of Volhynia, Podolia and Ukraine, is now limited to Polish territory—East Galicia—and is partly a Government undertaking, partly in private hands

At the Polish Government Stud for Arab horses at Janow 18 Arab mares are kept. The Polish Stud Book for Arab horses contains entries of 107 mares marked as first class animals, and 300 mares as second class. There are altogether some 50 Arab stallions

The breeding of Thoroughbred horses has always been popular in Poland. According to the Polish Ministry of Agriculture, there are now in Poland 642 Thoroughbred mares, 516 stallions over three years and 381 under 3 years, or a total of 1,539 head registered

Poland exports many horses especially a local type called "Mierzynek," a strong and enduring pony, much in demand in France and Belgium. Polish exports of horses amounted in 1925 to some 33,000, and during the first 6 months of 1926 to 32,500. A number of this total represented cavalry remounts. During 1926 one of the neighbouring States covered its entire requirements of cavalry remounts by import of Polish horses

The horse bred in Pozen is the object of organized breeding activities. It is a cross between the Thoroughbred and the East-Prussian horse. In the north-eastern part of the Province, the Kujawy district, the prevailing breeds are Oldenburg and Hannover which types are also found elsewhere.

Pomerania is not important as regards horse breeding. The prevailing type here is a cross of East-Prussian and Belgian horses, a heavy type much liked on account of clayey soil in a large part of the Province. Grazing conditions in Pomerania are better than in Pozen

The districts along the Vistula River, such as Garwolin, Warsaw, Lowicz, Kutno, Wocawek, favour the breeding of horses of heavier types and there is no permanent type in these sections. West European blood is often in evidence. The Eastern districts, especially round Siedlce, breed only small native horses. The southern districts, more especially the districts around Kielce, Sandomierz and Lublin, excel in the breeding of Thoroughbreds of heavier types. In these sections and in the adjoining Volhynia there are also many horses of crossed Thoroughbred and Oriental blood, or Orientals crossed on the native Breed, often with prevalence of Oriental blood. The Province of Lublin possesses horses crossed with Thoroughbreds

The western section, up to San River, has been noted for the fine types of crosses of Thoroughbreds and Oriental horses. The eastern section, and the adjoining parts of Volhynia and Podolia possess an old local breed known as "Konik" in the mountainous part of the country known as "Hucul" horse, a small but hardy strain

In Silesia the prevailing type of horse is similar to that found in Pozen, sometimes with evidence of Belgian blood

The Vilna district, before the war under the influence of Russian breeding methods, has a horse stock bred from a native horse called "Zmudzki," often mixed with Belgian or Russian stallions

In the central section of Polesie indigenous horses seem to prevail

The southern section, Volhynia favours Thoroughbreds

Breed stallions are selected to correspond with the local taste. The number of stallion depôts is arranged according to the development of breeding in each district, such depôts being more numerous where breeding activities are more developed and vice-versa. The total number of breed stallions in the country is estimated at 1,200

CATTLE Breeding of cattle in Poland is not differentiated as to purpose. It is principally aimed at developing the dairy types, but dual purpose features are also desired. Breeding of pure-bred beef cattle is almost unknown. In developing dairy characteristics, attention is chiefly paid to high butter fat content.

Poland has two National breeds of cattle—the Lowland Black-White cattle identical with the Holstein-Friesian breed, and the Red Polish cattle, a native breed highly valued by the rural population. Besides these two breeds, several English breeds are reared. Such activities, however, are isolated, and not encouraged by the Government or agricultural Associations which strive for breeding only the two breeds already mentioned. A notable exception are the Simmentaler cattle, chiefly bred in the Carpathians.

Since 1921 a very active educational campaign is being carried on by means of lectures and exhibitions with money Prizes, partly financed by local agricultural Associations. The results of these activities are evident in better control of animal diseases, in improved methods in breeding and stock feeding and increased milk production. Progress is also observed in the organization of the various breed Associations all of which co-operate and forming large Federations. There are numerous Milk Control Societies which aim at increasing milk and butterfat production through scientific breeding by selection of bulls.

The work of these organizations is illustrated by the following Control Society statistics:

Province	Number of Societies.	Number of Cows Registered
In Pomerania ..	19	6,700
" Pozen ..	8	4,400
" Little Poland ..	11	1,872
" Central Province ..	70	23,000
" Upper Silesia ..	12	4,500

A steady increase in the number of societies of the above kind is reported. There is also considerable development of co-operative dairies which now pay for the milk on the basis of butter fat content. Bull depôts are everywhere available even for the small farmer with only one or two cows; and the services of pure-bred dairy bulls from dams with high production records are now generally appreciated by farmers.

The prevailing breeding policy aims principally at development of dairy qualities. In the Provinces of Pozen and Pomerania, cattle of a type approaching the standard of beef cattle are bred.

YEARLY AVERAGE MILK YIELD OF THE POLISH RED CATTLE.

	Fat Percentage.
In Central Province ..	2,562 kg 3 7%
" Province of Cracow ..	2,350 " 3 8%
" " " Pozen ..	2,200 " 3 8%

The Ministry of Agriculture and the large associations of breeders aim at preserving this breed in all its originality, cross-breeding being avoided. Selective breeding is at present making considerable progress. Cattle are graded up by breeding and selected on the basis of milk and butterfat production.

Breeders in the Province of Pozen while under German administration specialised in supplying beef to Berlin, and accordingly bred from heavy Oldenburg bulls. In the Province of Pomerania where East-

Friesian cattle were bred, beef propensities were desired in combination with milk production. This was possible owing to excellent pastures in this Province. The Central Province—formerly Russian Poland—bred a large, heavily boned strain, somewhat deficient in flesh. The bulls were imported from Friesland. Speaking generally, all these features have been maintained, except that in the Province of Pozen efforts are made to improve the dairy qualities of local strains.

In Poland there are many very large estates where live stock breeding is conducted by experts, and these estates as a rule act as breed stations for the surrounding districts, a practice that is beneficial to smaller breeders.

For experimental breeding a Station has been inaugurated by the State Agricultural Institute (Panstwowy Instytut Naukowy Gospodarstwa wiejskiego) at Pulawy.

Breeding of beef cattle is sufficient to cover domestic requirements while a considerable number of head is exported to Austria, Czechoslovakia and Germany.

AVERAGE MILK PRODUCTION OF BLACK-WHITE FRIESIANS.

	Milk, Kilos	Fat.
In the Province of Pozen ..	2,873	3 0%
" " " Pomerania ..	3,000	3 2%
Central Province ..	3,540	3 17%
In the Province of Cracow ..	3,100	3 0%
" " " Silesia ..	3,160	2 9%

PIGS. Pig breeding in Poland aims at fat pork. A distinctly fat type of pig is found in the north-eastern districts where transportation facilities are scant. In the southern and eastern districts there is no established breeding policy, nor are there any dominant types.

The Central Province favour the Large White Yorkshire pig, while in the Western Provinces, besides this breed, there is a crossbred type of pig called "Zulawska".

Considerable interest in the bacon type of pigs has recently been aroused by successful experiments in bacon production for the British market. At present there are four bacon factories in Poland, while two more are in the course of construction. Interest in special bacon breeds, such as Tamworth or Yorkshire, has not yet greatly developed but seems to be coming.

General interest in the pig industry is increasing, owing to a steady demand for live pigs in Czechoslovakia and Austria.

Farms where pigs are bred to any considerable extent are stated to be overwhelmed with requests for Stud boars, but the existing supply of breed animals in Poland is inadequate to cover any larger demand.

Pig breeding forty years ago aimed at improving the native stock by crossing it with the Middle White Yorkshire Boars were then imported from England, and now the Large White has been adopted as a Breed, and it is much liked for its large size, fecundity and grazing propensities.

Experimental pig breeding is carried on with the native long-snouted Polish Landrace pig at the Agricultural Institute at Pulawy.

Under the auspices of the Agricultural High School at Warsaw investigations in pig breeding are conducted on privately owned estates. The Central Agricultural Association at Warsaw established during the autumn of 1926 a breeding station on a State-owned farm at Koscielce, funds having been provided by the Government.

The increasing export trade in live pigs and recent improvements in the grading of Polish bacon seem to testify that improved breeding methods have produced more satisfactory results.

There are no national associations of pig breeders in Poland, but the Central Agricultural Association at Warsaw is devoting attention to pig breeding, while many local farmers' associations and branches of agricultural organizations in various districts likewise show greater interest for this industry.

During the war the quality of Poland's pig stock deteriorated as a result of reckless slaughter, but subsequently the farmers improved it by cross-breeding.

SHEEP. In the eastern, central and southern Provinces of Poland the prevailing breed of sheep is the indigenous Central-European type, now bred in two distinctly different species the "Swinarka" sheep, a long-wooled sheep, white, brown, or black coloured; a good milker. The districts in which sheep are milked for cheese making are the Carpathians, Kielce, Siedlce and Vilna. As a rule, sheep bred for this purpose grow long but coarse wool, about 4 inches staple. The black variety is crossed with pure-bred Astrakhan sheep to produce the so-called Astrakhan, or Caracul breed.

The other type of native sheep is the "Wrzosowka" (Heather) sheep characterised by long light-coloured wool mixed with dark hair. Head and feet are dark brown. The skins are mainly used by the peasants in sheepskin coat making.

In the Western Provinces, especially in Pomerania and Pozen, the "Vagas" sheep are bred.

On the larger well conducted farms the most popular breed is the Merino which is bred in a number of varieties. Merinos are chiefly bred in Pozen. The type of sheep known as "Elektoral-Negretti" is gradually disappearing. The type at present in vogue is the "Merino Precoces" remarkable for early maturity and very fine mutton, besides excellent wool.

The yield of wool from the various breeds and types raised in Poland is shown in the following table of production of unwashed wool per head:—

Rambouillet ..	3-4 kilos.
Merino "Precoces" ..	3-5 "
English Breeds ..	2-5-4 5 kilos.
Native "Swinarka" Sheep	2-0-2-5 "

The average loss of weight after washing is from 60% to 67%.

The very low prices for wool during recent years have caused a set back in sheep breeding. This in turn has affected breeding activities, and many breeders

are now reported discontinuing breeding pure-bred sheep. During 1927, however, there was a tendency to revive sheep breeding.

Government assistance to sheep breeding is limited to occasional subsidies for purchases of Stud rams.

Experiments in cross breeding from the native sheep with Romney Marsh rams are reported to be in progress, but the results are not yet on record.

The War Department, in co-operation with the Sheep Breeding Section of the Central Agricultural Association and the Society of Animal Husbandry contemplates a series of experiments in cross-breeding native sheep with English breeds, and possibly also with Roumanian Tzigia rams.

There are at present two sheep breeding experiment stations in operation, one at Pulawy and another, conducted by the Toruń Chamber of Agriculture, at Dzwiesna, near Toruń.

Among Poland's numerous Associations and Societies for Livestock breeding the following are prominent:

"Society of Breeders of Improved Crossbred Horses,"

Kopernika 30, Warsaw.

"Society of Breeders of Crossbred Horses" in Pozen, attached to the Chamber of Agriculture, Mickiewicza 35 Pozen.

"Pedigree Stud Book Association of Province Pozen," Mickiewicza 33 Pozen.

"Pomeranian Society of Breeders of Crossbred Horses" Sienkiewicza 40 Toruń.

"Cracow Society of Horse Breeders," attached to the "Little Poland Agricultural Association," Place Szczepanski 8, Cracow.

"Farmers' Association of Horse Breeders," Kopernika 20 Lwow.

"Central Agricultural Association for Cattle breeding" controlling 79 district cattle breeders' organizations, in Central and East Poland, Warsaw.

"Association of Friesian Black-White Cattle Breeders," Warsaw.

"Association of Polish Cattle Breeders," Warsaw.

"Association of East Friesian Red-White Cattle Breeders," Warsaw.

"Association of Clubs for Stud Control," Warsaw.

"Central Association of Farmers' Clubs," with sections for encouraging live stock breeding, Warsaw.

"Polish Association of Black-White Cattle Breeders," attached to the Chamber of Agriculture, Mickiewicza 33 Pozen.

"Pomeranian Association of Black-White Cattle Breeders" attached to the Pomeranian Chamber of Agriculture, Prosta 18, Toruń.

"Lublin Cattle Breeders' Association," attached to the Agricultural Association of Lublin, Lublin.

"Association of Polish Red Cattle Breeders," Bialystok.

"Association of Red Cattle Breeders and Council of Friesian Black-White Cattle Breeders," Place Szczepanski 8 Cracow.

"Polish Pig Breeders' Association," Kopernika 30 Warsaw.

"Pozen Pig Breeders' Association," Mickiewicza 33 Pozen.

"Pomeranian Pig Breeders' Association," Sienkiewicza 40 Toruń.

"Section for Sheep Breeding" of the Central Agricultural Association, Kopernika 30 Warsaw.

"Association of Sheep Breeders," of the Chamber of Agriculture, Mickiewicza 33 Pozen.

"Pomeranian Sheep Breeders' Association," Sienkiewicza 40 Toruń.

"National Sheep Breeders' Council," attached to the Central Agricultural Association, Place Szczepanski 8, Cracow.

Prominent Breeders.

BLACK WHITE FRISIAN CATTLE

Name	Estale	Post Address	Province (1 of 10)	Name	Estale	Post Address	Province (1 of 10)
Bugniowski, I	Zatony	Pultusk	Warszawa	Michler C	Radzikow	Piechocin	Warszawa
B edowski, F	Pomorzany	Klodawa	Lodz	M elzynski Count de	Pawlowice	Pawlowice	Poznan
Boys T	Sierachow	Wajaniec	Warszawa	Modrow G	Skarszewy	Skarszewy	Pomorz
Brudziński Z	Szymanow	Szymanow	Warszawa	Muszynski —	Zalesie	Buk	Poznan
Brezinski H	Lehanice	Warka	Warszawa	Oberfell St	Kuski	Kutno	Warszawa
Buczkowski —	Orle	Liniow	Warszawa	Oertzen	Lepowo	Warszawa	Warszawa
Budny A	Bychawa	Bychawa	Lubl n	Ortega Z	Zelchow	Zelchow	Lublin
Busse —	Tupa fly	Srubin	Poznan	Ordowski —	Gutowo Male	Wrsienia	Lublin
Chadzynski St	Orlow	Zychlin	Warszawa	Pawlikowski H	Michalewice	Rudki	Lwow
Chelinski W L	Szonowo	Isewso	Pomorz	Potocki A Count de	Krzyszowice	Krzyszowice	Krakow
Chmielecki A	Leki	Zelch	Lodz	Prusak W	Wosniki	Radom	Kielce
Chwalibose T	Myslow	Zelchow	Lubl n	Przedpelski Z	Wela Perowa	Ostrowy	Warszawa
Ciswicki St	Rudnik	Lublin	Lublin	Przegalski W	Sobota	Jackowice	Warszawa
Czarkowski J	Glinnik	Glinno	Warszawa	Pszczolkowski J	Szostek	Siedlce	Lublin
Czartoryski W Prince	Pelkanie	Jaroslaw	Lwow	Racynski Count de	Koszkowo	Dorek	Poznan
Czartoryski W	Stary Sielce	Jutrosin	Poznan	Radziwill R Prince	Staszow	Pacanow	Kielce
Czarnowski J	Leki	Kutno	Warszawa	Radziwill H Prince de	Sielow	Staszow	Sierce
Donum riki J	Lysomice	Pomorze	Pomorze	Rembielinski h	Krosniewice	Krosniewice	Warszawa
Dworcki A	Hawlowice	Pruchnik	Lwow	Remycki H	Opatkowice	Jedrzewo	Kielce
Fenrych —	Przybroda	hazmiera	Poznan	Rudnicki T	Stara Wles	Siedlce	Lublin
Glockein —	Strychow	Gniezno	Poznan	Rudzinski O	Osiek	Oswiecim	Krakow
Gostkowski A	Wadowice	Krowice	Krakow	Sachs H	Abramowice	Lublin	Lublin
Grabinski St	Sierazy	Radymno	Warszawa	Sanguszko R Prince	Cumnska	Tarnow	Krakow
Grabowski —	Ztietka	Wagrowiec	Poznan	Schula	Napole	Trzebrzyk	Pomorz
Grodzinski J	Pogorzow	Niechow	Kielce	Siebrandt H	Bratwin	Gruzdiaz	Pomorz
Gótr-Okoński J de	Okocim	Okocim	Krakow	Slawinski J	Bedino	Zychlin	Warszawa
Hadowa I	Dembice	Wlodawek	Warszawa	Leszno	Kutno	Warszawa	Warszawa
Haise J	Nowocerkiew	Nowocerkiew	Pomorz	Sondermann —	Przyborowek	Szamotuly	Poznan
Helbich J	Kobary	Radom	Kielce	Skarzynski A	Poborz	Zachlin	Warszawa
Henig I	Mirowo	Godziszewo	Pomorz	Skarzynski S	Radostowo	Subkowy	Pomorz
Hempel A	Tuchowicz	Lukow	Lublin	"Solvay (Lim Comp)	Wapno	Wapno	Poznan
Heydemann —	Zajezdkowo	Pomorz	Pomorz	Sondermann Dr	Wyszyn	Wyszyn	Poznan
Jacynski A	Gordonowo	Wyrzino	Pomorz	Spengler	Dzialyn	Dzialyn	Poznan
Janasz T	Trakti	Zychlin	Warszawa	Stojewski St	Zarembice	Zloty Potok	Kielce
Janasz St	Wolica	Polochow	Warszawa	Stokowski A	Belzarka	Poltkow	Lodz
Janowski E	Bodzechow	Ostrowiec	Kielce	Strankowski, A	Kepie	Miechow	Kielce
Kaluzynski E	Olusian	Olusianstow	Lubl n	Szczepkowski M	Podrowo	Subkowy	Poznan
Karczowski Z	Cienin Zaborny	Kielce	Kielce	Szczepkowski —	Chalawy	Sokolay	Poznan
Kentner T	Lipnicki	Slupca	Pomorz	Szerezo W	Chotylnia	Sobolew	Lublin
Kondratowicz W	Zaboro	Piechocin	Warszawa	Taczanowski J	Zaskocz	Ksiazki	Poznan
Kostelbin St	Podl p ce	Tarnopol	Tarnopol	Tomaszewski —	Gasawy	Szamotuly	Poznan
Kowalski J	Oplawice	Satarkowcyny	Kielce	Tomau A	Smochow	Jatolaw	Lwow
Kozlowski J	Przybylawice	Mitchow	Kielce	Turnau J	M kulice	Kameruga	Lwow
Kozuchowski J	Brudzew	Lodz	Lodz	Unrug —	Sielec	Podobowice	Poznan
Kumnicki St	Kreen ca	Belzyce	Lublin	Uznanska A	Czudec	Czudec	Krakow
Lanckoronski Count de	Komarno	Komarno	Lwow	Wojciechowski A	Debask	Sochaczew	Warszawa
Lehrmann h	Ilowice	Ilowice	Poznan	Walcki J	Clopiec	Przebrze	Lodz
Lipinski St	Ostrowek	Lubl n	Lubl n	Winter B	Sieroszki	Sieroszki	Lubl n
Lisowski M	Chlopice	Jaroslaw	Lwow	Zachert A	Nakielnica	Aleksandrow	Warszawa
Lub rnski St Count	Ruchna	Wegrow	Bialystok	Zarembski	Pytowice	Kam nsk	Lodz
Marnige T	Smolna	Brudzew	Lodz	Zolknepp —	Milewo	Twardogora	Pomorz
Marszewski A	Plaszow	Flochoc n	Warszawa	Zolinski K	Grodzowice	Zamostne	Pomorz
Matlakowski Wl	Glanow	Krosniewice	Warszawa			Brzezine	Krakow

RED POLISH LANDRACE CATTLE

Academy of Science	Krowica	Lubaczow	Lwow	Lubomirski Prince de	Przeworsk	Przeworsk	Krakow
Baden Count de	Journow	Lwow	Lwow	Luboradzki S	Lapte	Rawa Mazow	Lodz
Bledowski F	Pomorzany	Klodawa	Lodz	Papier M	Wojcza	Iacanow	Kielce
Borkowski St	Szep etowo	Szepietowo	Bialystok	Potocki A Count de	Bakowa Gora	Przedborg	Lodz
Branczyk W Count de	Ros	Ros	Bialystok	Potocki A Count de	Wolkow	Przemyslan	Tarnopol
Cacez M Baron de	Kozry	Kozry	Krakow	Rey T Count de	Murzlow	Podhaje	Tarnopol
Cerkowski St	Bremischowa	Lisko	Krakow	Romer A Count de	Jodlowa k	Tymbark	Krakow
Cremichow Agr School	Cermichow	Czern chow	Krakow	Sapya St	Jarowalwie	Zborow	Tarnopol
De eduszewski K Count	Izidorow	Zu awno	Stancialawow	Sloniecki St	Jurowce	Jurowce	Lwow
Gole nski I & W	Raba Wyznia	Raba Wyzn a	Krakow	Sokulski F	Przeszow	Wrobl i Szl	Lwow
Glo nbowski Z	Straszkow	Straszkow	Kielce	Sorkodol Agr School	Suchowol	Suchowol	Krakow
Gorkiewicz St	Teporzyczy	Krakow	Krakow	Stanocki J	Pukaszow	Tomaszow Lubl	Lubl n
Jankowicz St	Chodow	Kosniewe e	Lodz	Swida G	Wierchowiska	Janow Lub	Lubl n
Jermanowski Wl	Niwki	Klodawa	Lodz	Trembicki h	Krowice	Sokolewopodl	Lubl n
Jankowski h	Wistowa	Sk zk	Warszawa	Werner	Nowiny	Sieniek Lubl	Lubl n
Jankowski A	Zawonice	Woskie Marow	Bialystok	Wierbicki A	Domowice	Wolbrom	Kielce
Jankowski A Count de	Lisko	Krakow	Krakow	Zabowski J	Mchowek	Izbita Ruf	Lodz
huberski C	Sieburzyn	Wima	Bialystok				

SIMMENTAL CATTLE.

Abrahamowicz W	Targowica Polra	Jeropol	Stanslawow	Grodzicki S Dr	Bzanka	Wrobl i Salachbecki	Lwow
Cza toryski W Prince	Zurawno	Zurawno	Stanslawow	Grotowski Wl	Jaczynski	Zaryzyn	
De eduszewski Wl de	Jeropol	Jeropol	Stanslawow	Wiktor J	Zaryzyn	Zaryzyn	

PROMINENT BREEDERS (contd.)

RAMBOUILLET MFRINO SHEEP

Cichońsk H Czarłowski M Człowski St Krońsk — Krońsk Count de Mankowski K Odrzawski M Totocki A Count de	Strzelce Krasne Zielona Dąbrowa Luszyń Krońsk Gosławsk Kazimierz B skupi Słomkowski Maluszyń	Strzelce Krasne Złoty Potok Zychł n Krońsk Kosin Kazimierz B skupi Aleksandrow Słomkowski	Warszawa Warszawa Kielce Warszawa Pomorze Łódź Warszawa Warszawa	Preuss — Roztowowski A, de Harcle St Kwilecki Count de Lubusz St Loba von Bylewski Count de Schulemann — Skubk Count de	Narkowy Milejow Lipienek Kobylinski Ryżyc Wichorze Cielow Lisnowo Osceń	Subkowy Milejow Kornatow Kosian Lubienka Male Cryste Lubienka Lisnowo Osceń	Pomorze Lublin Pomorze Poznań Poznań Pomorze Poznań Pomorze Warszawa
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MERINO SHEEP

Albrecht M von Brochowski Z Budny A Cichocki A	Secumin Zagajewice Bychawa Zbiki	Starogard Osciny Bychawa Krusniew	Pomorze Łódź Lublin Warszawa	Colbe — Gerlich F Grodzicki W	Dąbrowka Bakowo Morzyce	Lubienka Warlubie Potrkow Kujawski	Poznań Pomorze Warszawa
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POLISH LANDRACE SHEEP

Cichocki Z Grabowski St Müller W	Siche Waleńce Somianki	Białobrzegi Łowicz Wyszczew	Lublin Warszawa Warszawa	Werner B Pszczelina Agr School	Pszczelina Pszczelina	Lubienka Branow	Łódź Warszawa
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NEGRITTI SHEEP

Cieszkowski A Count	Lukowicz	Mrozy	Lublin	Robland, P	Zabia Wola	Lublin	Lublin
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KARAKUL SHEEP

Główniński K & W Grabowski St	Raba Wyznia Waleńce	Raba W Łowicz	Kraków Warszawa	Piaszczyński, K	Snopków	Lublin	Lublin
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LARGE WHITE YORKSHIRE PIG

Budny A Bledowski F Glocke — Huse J Heydemann — Krasinska St Krzyszowski Z Lehmann A ische — Paszczynski, K Raczynski E Count Soltav Linn Comp Szwarcz A Stokowski H	Bychawa Pomorze Strychowo Nowocerkiew Zajaczkowo Suchobrzeżko Karolew Hłowne Snopków Zawada Wapno Malenin Plecka Dąbrowa	Bychawa Kłodawa Gnieszno Nowocerkiew Młotów Siedlce Zychł n Hłowne Lublin Debica Wapno Młotów Zychł n	Lublin Łódź Poznań Pomorze Pomorze Lublin Warszawa Poznań Lublin Kraków Poznań Pomorze Warszawa	Stępczewska — Tarnowski K Count Werner B Z pier W Zolienkopf — Zelenski K Zylcz I Młodow O Oertzen — Ordowski — Raczynski — Raczewski — Unrug —	Piotrowo Chorzew Seroczyn Zarnowiec Milew Grodzisk Gora Hacek Pepowo Gutkowo Mle Kosów Chelawy Sielec	Soldry Chorzew Chorzew Zarnowiec Twardogóra Dziele Zarnowiec Skarszewy Pepowo Wresnia Dorck Soldry Pielonowice	Poznań Kraków Lublin Pomorze Pomorze Pomorze Pomorze Poznań Poznań Poznań Poznań Poznań Poznań
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ENGLISH THOROUGHBRED HORSES.

Alvensleben Count de Baczynski — Bernon M Bronikowski A & J Budny A Czarki S Czajkowski R Czarnecki Count de Czarłowski A Prince Człowski I Hartmannski J Jedrejowski M Jozak A Kornenberg Baron de Lubomirski Prince de Lubomirski T Prince Laski St Mencel J Mielnycki J Count Morsztyn Count de	Ostromecko Sulow Lesno Warszawa Opatów Tychawa Włodzisław Kamionka Wól Chojno Krasniew Krasniew Tadanie Kamionka Str Hłowne Włocławek Kamionka Radomsko Nowy Tomysł Koszęcin Włodzisław	Ostromecko Opatów Blonie Opatów Tychawa Włodzisław Kamionka Wól Chojno Krasniew Krasniew Tadanie Kamionka Str Hłowne Włocławek Kamionka Radomsko Nowy Tomysł Koszęcin Włodzisław	Pomorze Kielce Warszawa Kielce Lublin Lublin Warszawa Poznań Warszawa Warszawa Tarnopol Tarnopol Łwów Warszawa Warszawa Łódź Poznań Tarnopol Poznań Kielce	Niewiarowski — Olszowski A Ostoja Ostasewski A Popiel P Potocki A Count de Rostkowski — Skolmowski Z Szczyński — Stud (Gov) J Kozienice Węryk F Wielopolski A de Wielopolski A Węryk de Wodzicki H Wysoki — Zamoyski K Count Zietarski B Zychłinski K	Model Jacentow Kamionka Kamionka Lancut Krechow Sukow Skarzewo Kosienice Kosow Chrobry Biala Ktery Medyka Grabow Adamopol Czysle Twardow	Gostynin Opatów Rymanow Stopnica Lancut Rabatyn Krasnystaw Pulaski Kosienice Biala S edl Chrobry Biala Kutno Przemysł Tupolno Włodawa Sambor Jarocin	Warszawa Kielce Łwów Kielce Łwów Stanisławo Lublin Warszawa Kielce Lublin Kielce Lublin Warszawa Łwów Poznań Lublin Łwów Poznań
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HALF BLOOD HORSES

Abrahamowski —	Jakow	Kazysko	Pomorz	Los W Count de	Piotrowice	Lublin
Abczanski Czeslaw	Sm i w	Jakubowice	Kielce	Minel S	Lawicze	Stanislawow
Bier Ebert	Melno	Mino	Pomorz	Nierkowski I	Ciborz	Torun
Budzi Antoni	Pychawa	Pychawa	Lull n	Nielzynski Count de	Fanlowice	Leszno
Ciendki Jozef	Cza brow	Bukaczowice	Stanislawow	Nielzynski Count de	Iwno	Poznan
Czapski —	Malne	Poznan	Poznan	Stoy A	Ukon Wierbka	Kielce
Czapowski —	Razew	Jarocin	Poznan	Wierulka Countess de	Wolstyn	Wolstyn
Ch Bowna —	Sm i low	Jarocin	Poznan	Nielczki Count de	Salow	Stramotuly
Chlapowski —	Stawian	Repsowice	Poznan	Nieromowska M	Lubaszow	Lodz
Chrzaniowski J	Mierown ca	Slupca	Lodz	Nieromowski K	Oleszno	Wlozeczowa
Chruszanski W de	Jezupol	Jezupol	Stanislawow	Ostrowski A	Jarcinow	Opato
Drucka Lobecka —	Wen	Kawice	Poznan	Ostertan	Ipsowa	Ipsowa
Lubanski T	Hindica	Hindica	Poznan	Pawlowski II Hr	Nichalewiec	Rutka
Jezerski —	Jelono	Wyrzyk	Poznan	Praszczyński K	Snopkow	Lublin
Gorawski J	Szabo	Wolczowska	Krakow	Ploski II	Jokow	Gubow
Ha slach —	Hermanowo	Starogard	Pomorz	Poklewski Kozell W	Mn sikow	Sulejow
H latz, Lufel	Hoczek	Huskiep	Nowemiaslo	Lotocki A, Count de	Lancut	Lancut
Kalickiowski St	Cernocin	Turobin	Torun	Popiel I	Kurotwski	Stopnica
Kalkiewiczowa Mme	Huskowsy	Cholmza	Torun	Pradzyński, L	Skarpa	Sepolna
Kaluzinski L	Olizanka	Krasnawst	Poznan	Rudolphi S	Lipietzki	Grzybow
Karlowski —	Stelepwo	Korn n	Poznan	Rojowski Z	Rystrzyca	Lublin
Koczorowski —	I amiatkowo	I amiatkowo	Poznan	Roztowowski K de	Hrehorow	Nowosielce
Kominerowski T	Komierowo	Przypalkowo	Sepolna	Skarynski S	Radostowo	Subkowy
Koerber N	Nowe Jankowice	Lanin	Condzidz	Sokolowski Z	Surbow	Krasnawst
Kronenberg J Baron	Wieniec	Wolczawek	Warszawa	Skarbek —	Borowno	Radomsko
Kronenberg Baron	Janaszow	Radomsko	Lodz	Sokolowski Z	Grabowo-Sulny	Szczuczyn
Kruszewska R	Chorobrow	Sanok	Lwow	Starnawski T	Guzowka	Zolkiewka
Krzewski —	Wierzbie	Nieszawa	Warszawa	Szankowski A	Kepie	Miechow
Kwilecki —	Dobrowo	Ostrow	Stramotuly	Szczuka J	Zalesie	Ostrow
Kumatorowska C	Brudzew	Kolo	Lodz	Szulewski —	Slupowo	Smogolec
Kuradowski A	Ostrotec	Rowne	Lodz	Szoldrski, Count de	Zydowo	Rokietnica
Lehman Nitsche, —	Ilowice	Srem	Poznan	Walicki B	Kzeszow	Zelow
Leszczynski —	Ilowice	Grojec	Poznan	Wegner K	Ostaszewo	Ostaszewo
Leszczynski Z	Kalustany	Grojec	Warszawa	Wirkopelski, Marg de	Choborz	Choborz
Lipicki —	Lewkow	Kalustany	Poznan	Tarnowski K Count	Chortow	Mielec
Lossow —	Gry zyna	Ostrow	Poznan	Tarnowski Z Count	Dzikow	Tarnobrzeg
Lubomirski Princess	Przeworsk	Koscian	Poznan	Twardowski —	Kobylinski	Szambory
Lubomirski, Prince de	Wielichowo	Sindziel	Lwow	Zielarski —	Czaple	Samotul
Lacki, Count de	Pasadowo	Sindziel	Poznan	Zm grodzki —	Borowek	Lowicz
Lempicki —	Gierczyce	Opalow	Nowy Tomysl	Zwchanski —	Twardow	Wlozysze
			Kielce			Poznan

THOROUGH BRED ARAB HORSES.

Czartowski W Prince	Pelkinie	Jaroslaw	Lwow	Potocki R Count de	Behn	Rowne	Wolyn
Czekawski J	Bezmechowa	Lusko	Lwow	Raciborska T	Brenow	Tartakow	Tartakow
Kwilecki F Count de	Dobrojewo	Ostrog	Poznan	Sanguzko R Prince	Chmizka	Tarnow	Krakow
Lasocki T	Miszewo	Plock	Warszawa	Wolk Lan ewski A	Bronie	Nalczow	Lublin
Mencel J	Niskolczy	Lacie Zielone	Tarnopol	Zakreck M	Chrzastow	Srem	Poznan
Pawlikowski H Dr	Michalewiec	Rudki	Lwow	Zmigrodzki F	Borowek	Lowicz B elawy	Warszawa

DRAUGHT HORSES

Cerlich F	Hakowo	Warlubie	Pomorz	Krles E	Slawkowo	Ostaszewo	Pomorz
Jaranski R	Nierowice	Nierowice	Pomorz	Loga —	Trzebien Magn.	Wale Cryste	Pomorz
Jezerski Count de	Sobienie	Garwol n	Lublin	Zamoyiski J., Count		Kozien re	Kielce
Karlowska M	Prusnie	Kornatowo	Pomorz				

SEVERAL

Associations of Pedigree Stock Breeders
 especially interested in improving their SHEEP & PIG STOCKS,
 in various Parts of **POLAND** would be glad to receive
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 23, Fleet Street, London, E.C 4

Livestock Breeding in Portugal.

The Live Stock estimate for Portugal states cattle 742,000, sheep 3 857,000, pigs 921,000, horses 165 000

The breeding of sheep is the main source of income of the smaller farmers and a local census estimates the present stock at about four million head. Next to sheep breeding the breeding of pigs is of some importance and the number of the existing stock is estimated at about one million. Cattle breeding has been much neglected but is now given more attention. Speaking generally existing live stock breeds are indigenous not particularly valuable, and there is room for improvement. Horse breeding is negligible.

Portugal has passed through hard times since the war and the situation of State finances remains serious. Recently a number of social laws were promulgated but without effecting any amelioration in the life of the peasants of whom more than 70% are still illiterate. Farming is likewise passing through a serious crisis and as the country is chiefly dependent on agriculture the effects are felt among all classes of the people. Portugal's chief export articles are wine, cork, oil and live stock, but many markets, firmly held in pre-war days, are being lost owing to lack of organisation in trading methods and transport. The Portuguese exporter is hampered on every side while export taxes and a number of *ad valorem* dues make trading almost impossible at times. The steadily rising taxes and the enactment of new rules and regulations hamper everybody, and the interest on war debt and the permanent bad condition of State finances cause a feeling of uneasiness all over the country. These evils are caused by excessive expenditure, bad administration and the practice of presenting fictitious estimates showing small deficits where such are often stupendous, combined with lack of moral authority on the part of the Government. Under such circumstances, agriculture cannot properly develop. For years it has been the rule to draw up budgetary estimates with a view of cajoling public opinion and repeated recourse to fictitious estimates has caused lack of confidence in the Government's ability to overcome difficulties. The administration is constantly overstuffed. The recently adopted Wheat Law seems to continue to disorganise agriculture the prime industry of the country.

More than 90% of the live stock breeders in Portugal are small farmers and while there is a large number of land owners who could easily increase their income through improved stock breeding, all of them are content to carry on in the old fashioned manner. Lately several farmers who seem anxious to improve conditions have imported live stock from U.S. America and the impression in the districts where they live resulting from improvements thus brought about is undoubtedly drawing attention to the possibility of obtaining better market prices through breeding better stock of cattle as well as of sheep and pigs. Breeding

from Pedigree stock would be more general if the Government and local authorities dealing with agricultural matters would devote more attention towards enlightening the farmers. Although there is lack of propaganda and encouragement, stock breeding however, will probably become an important branch of agriculture as the soil is very fertile but the transport of agricultural and live stock products, now excessively expensive owing to exorbitant rates charged by the Railways, ought to be cheaper than in most countries of Europe as Portugal has a number of navigable rivers. The climate is particularly suitable for live stock breeding owing to the proximity of the sea and the height of the mountains. The winter is short and mild, and early in February vegetation is in full vigour. The summer heat is often very depressing, and as rain falls very irregularly, the fields easily assume a parched appearance. In September, however, when rain is abundant, a second spring sets in and the fields are again in full verdure. Although Portugal ought to be self supporting, the country does not raise cereals in sufficient quantity to meet its own consumption. The chief crops are wheat, barley, oats and flax of which abundant crops could be harvested if the soil were better worked. Two per cent of the area of the country comprise vineyards, seven per cent are covered by fruit trees, thirteen per cent cereals and three per cent are forest. A considerable live stock export trade is carried on with the Portuguese Islands, Africa, even Brazil. The principal seaports, such as Oporto, Lisbon, Vianna, Setubal, Faro and Figueira are suitable for handling imports and exports of live stock and here facilities are available for the live stock trade.

While organised live stock breeding does not exist in Portugal and there are no Societies for the purpose of promoting breeding from Pedigree strains, there is a great number of Associations of farmers locally interested in the improvement of their stock. Lately a number of co-operative Associations for insurance against losses through disease have been formed and it is probable that these would be interested in the purchasing of Pedigree stock if their attention were drawn to the value of such. There is a tendency among these agricultural Associations, all of which are co-operative in working, to appreciate modern methods in farming and breeding. The largest of these Associations are

Sociedade Cooperativa Agricola de Cortices de Grandola Grandola District of Lisbon
Adega Reg. oal de Torres Vedras Torres Vedras District of Lisbon
Sociedade Cooperativa de Exploracao Agricola de Cuba, Cuba, District of Beja
Cooperativa Agricola de Matas Ferreira (Lagar de Azente) Evora District of Santarem
Cooperativa Agricola de Cortices do Baixo Alentejo Otrique District of Beja

Among the best organised Associations of farmers for mutual protection—"Caixas de Seguro Mutuo Pecuario"—the following should be mentioned :

The Alcabaca Association in the District of Leiria
 The Bombarral Association in the District of Leiria
 The Vimeas Alcabaca Association in the District of Santarem
 The Manica Association, Lousada da For in the District of Coimbra
 The Villa Nova d'Anjos in the District of Coimbra
 The Promessa a Nova d'Anjos in the District of Castelo Branco
 The Regiao de Lafes S. Pedro do Sul in the District of Vizeu
 The Regim Amarante in the District of Porto
 The Lourelo Association, Guimarães in the District of Braga
 The Santa Leocadia Association, Terras de Lima in the District of Viana do Castelo
 The Faro Association in the District of Faro

Agricultural Associations—"Sindicatos Agricolas Existentes No Continente"—chiefly formed for acquisition of agricultural machinery and tools, seeds and breed animals, are very numerous, often well organised and of considerable local importance. The following are among the best organised

The Alandega da Te Association in the District of Bragança
 The Bragança Association in the District of Bragança
 The Freixo de Espada a Cinta, Macedo de Cavaleiros in the District of Bragança
 The Miranda do Douro Association in the District of Bragança
 The Alijo Association in the District of Vila Real
 The Atijo Association, Mondim de Basto in the District of Vila Real
 The Cerva Association, Ribeira de Pena in the District of Vila Real
 The Parada de Guare Association, Sabrosa in the District of Vila Real
 The Arcos de Valdevez Association in the District of Viana do Castelo
 The Coura Association, Viana do Castelo in the District of Viana do Castelo
 The Refojos de Lima Association, 1.º e 2.º de Lima in the District of Viana do Castelo
 The Vale do Anzós Association, Gouveia, Ponte de Lima in the District of Viana do Castelo
 The Barcelos Association in the District of Braga
 The Cabeceiras de Basto Refojos Association in the District of Braga
 The Federação do Norte Braga Association, Braga in the District of Braga
 The Ribas Association, Celorico de Basto in the District of Braga
 The Avintes Association, Gaia in the District of Porto
 The Freixo e Louredo Association, Freixo Amarante in the District of Porto

The Lavra Torres Portugueses Porto Association in the District of Porto
 The Matosinhos Association, Leça da Palmeira, Matosinhos in the District of Porto
 The Agueda Association in the District of Aveiro
 The Castelo de Paiva Association, Sobrado, Castelo de Paiva in the District of Aveiro
 The Estarreja Association, Estarreja in the District of Aveiro
 The Silva Jucra Association, Sever do Vouga in the District of Aveiro
 The Armamar Association, Angra do Retendo in the District of Vizeu
 The Carragal Association, Vizeu in the District of Vizeu
 The Silva Satao Dac Association, Silva de Cima, Satao in the District of Vizeu
 The Vila Maior Association, S. Pedro do Sul in the District of Vizeu
 The Abrunheira Association, Reves, Montemor o Velho in the District of Vizeu
 The Carapinheira Association, Montemor-o-Velho in the District of Coimbra
 The Maiorca Association, Figueira da Foz in the District of Coimbra
 The Unhaes do Velho Association, Lamphous in the District of Coimbra
 The Fornos de Algodres Association in the District of Guarda
 The Pinhelense Association, Pinhel in the District of Guarda
 The Caria Association, Belmonte in the District of Castelo Branco
 The Castelo Branco Association in the District of Castelo Branco
 The Vila Velha de Rodam Association in the District of Castelo Branco
 The Alterre Association, Alter do Chao in the District of Portalegre
 The Sozel Association in the District of Portalegre
 The Abrantes Association in the District of Santarem
 The Benavente Association in the District of Santarem
 The Salvaterra de Magos Association in the District of Santarem
 The Urrutia Association, Olival, Vila Nova d'Guarem in the District of Santarem
 The Alcabaca Association, Caldas in the District of Leiria
 The Bombarral Association, Obidos in the District of Leiria
 The Leiria Association in the District of Leiria
 The Alcaer do Sal Association in the District of Lisboa
 The Adaga Regional Association, Torres Vedras in the District of Lisboa
 The Cadaval Association, Alges, Oeiras in the District of Lisboa
 The Federaçao Central Association, Torres Vedras in the District of Lisboa
 The Lavradores do Sul do Sado Association, S. Tiago de Cacem in the District of Lisboa
 The Torres Vedras Association, Cintra in the District of Lisboa
 The Serral Association in the District of Lisboa
 The Evora Association in the District of Evora
 The Machede Association, N. S. de Machede, Evora in the District of Evora
 The S. Vicente de Valongo Association, Montouto in the District of Evora
 The Vila Viçosa Association in the District of Evora
 The Aljustrel Association in the District of Beja
 The Serpa (Acção de Pecuaría) Association, Odemira in the District of Beja
 The Vidigueira Association in the District of Beja
 The Alentejo Association in the District of Faro
 The Castro Marim Association in the District of Faro
 The S. Br. de Alportel Association in the District of Faro

The ISLAND of Madeira

BREEDERS of PIGS, SHEEP and POULTRY who would be interested in participating in the formation of a "**LIVE STOCK BREEDERS' ASSOCIATION in MADEIRA,**" where Stock Breeding is neglected and Market Prices for the Products of these Animals excessively high, are invited to communicate with the London Representative of Madeira Farmers, the Publishers of "International Directory of Pedigree Stock Breeders," 23, Fleet Street, London, E.C.4, through whom further information is available.

Livestock Breeding in Roumania.

The Live Stock estimate for Roumania states cattle 4 810 000 sheep 13 600 000, pigs 3 200 000 horses 1 880 000

Roumania is an agricultural country a land of peasant farmers who constitute in fact the chief national asset. Without exaggeration it may be stated that Roumania is still almost undeveloped but that her future as an agricultural producer seems almost unlimited. The total area is about 13 13 million hectares of which 2 76 million hectares are forest. Sugar beet cultivation and wheat constitute the main commercial crops. Natural pastures only occupy a very small area but over the whole country grazing is plentiful. The cultivation of the soil is still most primitive a mere scratching of the surface. Fertilisers are scarcely used and the manure from livestock more often than not burnt or wasted but in spite of these old fashioned methods the crops as a rule are plentiful and heavy if sufficient rain has fallen. The wheat is of excellent quality and the export of this contributes enormously to the well being of the country. The soil is speaking generally of wonderful fertility. Land is still cheap although conditions and prices as they existed before the war are rapidly changing as a result of the new system through which enormous stretches of cultivatable land have been acquired by the Crown and cut up in small farms. Prior to this new system some 4 000 000 hectares of agricultural land were owned by 5 450 larger estates and of these 3 000 had an acreage of over 1 000 acres while four million hectares of land were farmed by 1½ million small peasants. Some thirty years ago the co operative movement was started in Roumania, and a great number of Agrarian Banks working on the German Raiffeisen system commenced financing the smaller farmers. Hundreds of small credit organisations sprang up organised on the Schultze Delitzsch principle the idea being an organised battle against the long existing veritable pest the agrarian money lender. To day the number of these credit associations is considerably over 3 000 and the membership over 700 000 and the capital in circulation over £100 000 lent out in sums of £5—20 to enumerable small borrowers at a minimum of interest.

Once upon a time when Roumania was still under the Turkish rule there was a saying in Turkey that with a Moldavian horse there was no limit of distance as in those days the fastest runners were to be found among Roumanian horses. While horse breeding has immensely improved during the last twenty years and the horse material certainly is of excellent quality there is still room for much improvement.

The same may be stated concerning cattle breeding. The indigenous cattle breeds are without exception splendid material but a grading up movement is required. Pig breeding is likewise scarcely developed but the native pig the Mangalitz breed is developing and when selection is more generally carried out there is no reason why Roumania should not become a considerable breeder of pigs.

Sheep breeding is the mainstay among smaller farmers. Cross breeding has taken place in a rather haphazard manner through imported Rambouillet merino sheep from France Texel sheep from Holland and Bukhara sheep from South Russia. Of late years Karakul sheep breeding has developed and everything points towards Roumania becoming the chief centre in Europe for the breeding of these highly valuable and interesting sheep.

The Roumanian peasant farmer is an excellent type of agriculturist hard working painstaking careful and willing. His conditions of life are very primitive and he is willing to work for a mere pittance. Most of these small farmers live in one family houses as a rule built by themselves neat and tidy looking but in which there is very little in the way of comfort to be seen. The Russian invasion during the war years was disastrous as when these hordes had to evacuate the country they burnt everything that came in their way. In very many instances these buildings on farms and estates have not yet been rebuilt but conditions are slowly improving.

Notes on Stock Breeding.

By PROFESSOR G. K. CONSTANTINESCO Chief Veterinary Institute Bukarest

By nature Roumania is one of the richest countries in Europe with excellent soil and climate where live stock breeding is the chief mainstay. Visitors from abroad who happen to travel through the country generally express their astonishment at the enormous stretches of fertile land where grazing is abundant and where live stock is everywhere moving about. Although Roumania is still in the stage of a pastoral country undoubtedly it will not last long before she becomes an important country for live stock raising. Resulting from the war Roumania was fortunate in being able to incorporate several Provinces formerly belonging to the Habsburg Dynasty i.e. Transylvania the Banat and Bucovina in all of which live stock breeding has always been flourishing. There is a general desire to improve the existing horse cattle sheep and pig

racess and as prosperity is returning to the country after the devastating war years Roumania is undoubtedly developing on sound and practical lines as a live stock raising country *par preference*. In regard to the various breeds the following are the most important

HORSES—There is an indigenous pure bred land race horse of excellent material of which different strains have been true to type for many years. Among these types should be mentioned

The **MOLDAVIAN** horse in which there is much in character reminding of the European horse. It is a lively, highly intelligent animal of beautiful shape and much valued by the Roumanian farmer. His body weight is from 300 to 400 kilos only and he is easily fed and handled and therefore of particular use on the small farms

The **DOBRUDGA** horse slightly smaller in stature than the previously mentioned strong and easily fed a fast runner splendid as a cart horse while useful in almost every direction

The **TRANSYLVANIAN** horse is somewhat heavier 400–450 kilos in weight a strong horse but not so elegant in appearance and movements as the Moldavian horse. The chief breed district for this horse is on the Plains of Valachia chiefly in the Ialomitza district

The **MOUNTAIN** horse a beautiful little horse scarcely weighing more than 300–320 kilos is chiefly bred in the Carpathian district. He is a favourite among most farmers being quick in his movements easily satisfied even on the scantiest of food and of a pleasant temperament. Another indigenous horse—the **HOUTZULE**—is chiefly bred in Bucovina and largely exported to Poland and Galicia

The **BESSARABIAN** horse is an excellent horse for various purposes and is the product from various crossings with Belgian and Orlov horses. This horse is highly valued everywhere owing to his ability to do almost any kind of work besides being suitable as a coach horse

Among horse races originally imported should be mentioned English Thoroughbreds Arabian purebreds the Ghidran and the Nonius horses. The Percheron horse is also bred in various places and the Pintgau horse has many adherents chiefly in the Banat

CATTLE—Among the indigenous cattle races in Roumania probably the most interesting are the **MOLDAVIAN** or **Steppe** cattle in colour red white with a silvery tinge. Full grown they reach a weight of 600–650 kilos although when fattened a weight of 1 000 kilos is very often reached. They are however rather poor milkers seldom yielding more than 1 600 litres per annum but the fat percentage is high 4–4½%

The **BOUCSAN** cattle are rather like the Moldavian although much larger of a more compact build very poor milkers but easily fattened and they yield delicious meat

The **IALOMITZA** cattle chiefly bred in the

southern parts of Roumania likewise not unlike the Moldavian cattle are mostly remarkable for their beef propensities

The **TRANSYLVANIAN** cattle are chiefly bred in Transsylvania and on the Hungarian border and in appearance and characteristics a Steppe breed

The **BESSARABIAN** cattle mainly reared in Bessarabia are not a particularly developed breed but certainly capable of considerable improvement through selection

The **MOUNTAIN** cattle are probably one of the best among the many local breeds as they have proved very amenable to improvement through crossing while they are splendid milkers as a rule yielding 10 litres milk or more daily during the lactation period. When crossed with the Swiss Brown cattle the first cross as a rule turns out a great improvement. They are rather small bodied seldom reaching above 350 kilos their skin is very soft and their horns short and beautifully curved. The general appearance is an animal of picturesque features

Among imported foreign cattle races the Swiss Simmental and Brown mountain cattle are very much in vogue and will probably develop rapidly and push out all other foreign breeds. Shorthorns have been imported for trials but so far not given entire satisfaction. The same may be stated concerning the Dutch Friesians

In Roumania two indigenous sheep breeds have existed from time immemorial—the **TZIGANIA** and the **TZOURCAN** sheep. The first mentioned are white with red spots on head and legs but black woolled sheep are sometimes bred. As regards the second the **Tzourcanas** they are cherished for three qualities—as wool producers for their fine mutton and for their milking propensities. Various most appetising cheeses are made from their milk. The **Tzigania** sheep also yield very fine mutton and being chiefly reared in the Dobrudga district they are sometimes called Bulgarian sheep. Both of these sheep breeds are now and then crossed with Karakul rams with a view of obtaining black woolled lambs for the fur trade. It may be stated that both of these breeds are valuable and deserve to be improved

Among imported sheep the **Merino** and the **Karakul** sheep are much in vogue and seem to suit local conditions. The **Karakul** sheep are chiefly bred in Bessarabia and probably they will here develop and become a national breed in this important part of Roumania. English sheep of various types have from time to time been imported chiefly for their mutton propensities but after the war very little has been done in this direction

Goat breeding has so far not taken on in Roumania to the same extent as in the neighbouring countries and while Saanen goats have been imported the number of the existing stock is very small

PIGS—As regards pig breeding the indigenous pig breed has all the features of the usual undeveloped landrace pig—long legged razor backed w

flanks and generally speaking an animal from which not much can be expected. There is another type of indigenous pig, the BAZNA chiefly bred in Transylvania deep black in colour with a white stripe of better quality than the previous mentioned and sometimes used for crossing with the Mangalitza breed.

The MANGALITZA pig is of the same breed as exists in the Balkan countries and Hungary and is certainly an excellent meat producer. It is bred in Roumania in two different varieties.

Among imported pigs the most popular are the Large White Yorkshire and the Berkshire pigs generally bred on the farms in Bessarabia.

All matters relating to stock breeding are dealt with by a special Department of the Ministry of Agriculture. There are special sections dealing with horse breeding, cattle breeding and sheep, pig and poultry. At the following Studs the here mentioned horses are chiefly bred:

At Radaut	Distr ct Stud	Radaut	Arabs and Engl sh Thoroughbreds
Ruseu		Bra la	Ch dran Horses
Par a		T m s	Nomus
Bon da		Cluj	Non us *
San bata d Jos		Fogaras	Lip tan

Among prominent breeders the various Stallion dep is established all over the country are mentioned. It is the rule that suitable stallions belonging to the specific breeds of horses favoured locally by the farmers in their own districts are stationed for service.

As regards cattle breeding various breeding centres have been inaugurated the principal of which are:

At Paut	n the	Botosan	hstr ct for	Moldav an cattle
Ruseu		Dambovita		Sa ss Brown
Ruseu		Braila		S mmental

As already stated sheep are bred over the whole country, and with a view of encouraging better selection of breed material the Government have inaugurated breed centres:

At Pallas	n the d str ct of	Constanta	for	Mer no Rambouillet sheep
Du banu		Buzaa		Karakul
Slobor a		Ialym ta		Tz ga a
B rbt		Oh		Mer ro

In regard to pig breeding the Government are anxious that breeding of such races which are most suitable for the farmer's requirements should be encouraged and with a view of assisting them to obtain the services of selected animals the following breed centres now hold such available:

At Popauti	in the d str ct of	Botosan	for the Mangal tza breed
Cr as		Nramt	
I rek n		Olt	
Tr S ver n		Mehel nti	
Ruseu		Ialomita	
		Bra la	
Pall ee		Constanta	Large Wh te Yorkshire and Berkshire breeds
Samb a		Faca as	Large Wh te Yorkshire breed
Monti a		Cluj	Barna breed

Poultry breeding is very much coming to the fore lately and at various places first rate stock is kept from which the peasants can obtain birds and eggs. The following should be mentioned —

At Ruseu	in the d str ct of	I a la	Wh te Wyandotte Black Orp ng
I a r		Constanta	Ion and Rhode Islands
Satula a		Fogaras	Rhode Island Is and White Wyandotte
			Firmouth Rock M norcas and
			Wh e Wyandotte

A general demand for better qualities of beef, pork and mutton has acted as a stimulant to better breeding and the consumption of these articles is on the increase. It is estimated that 1,000,000 head of cattle of an average live weight of 350 to 400 kilos are killed every year.

In regard to Roumania's sheep stock, the yearly increase through lambing may be estimated at 2,500,000 head of which a considerable quantity is killed for the butchers' trade. The live stock is estimated at 13,600,000 sheep yielding an average production of 2 kilos wool. Roumania's total production of this article can be estimated at 20,000,000 kilos.

Roumania exports a certain number every year of her surplus stock production—about 150,000 head of cattle, although without great efforts the country should be able to export double this number and yet maintain the necessary stock for feeding the population. Improvements will undoubtedly take place in years to come when a more general appreciation of the necessity of only breeding from better class animals takes place.

The general supervision of live stock breeding in Roumania as far as the Government are concerned rests with a board of Supervision dealing with all matters appertaining to sanitary, veterinary and zootechnic questions. A number of trained live stock experts supervise breeding in the outlying districts of the country under the direction of a Committee appointed in January 1926 in accordance with a new law. The Government intervene in matters of breeding both directly and indirectly, i.e. as regards horse breeding through the various national Studs the names and addresses of which are mentioned in the table of breeders below. At the above mentioned prominent studs excellent breed animals are maintained most of which are of first rate Pedigrees. As regards the service of stallions no less than ten Depôts have been inaugurated in Bessarabia in Dobrudja and in the district of Ialomitza etc.

The various breed centres for the encouragement of better cattle breeding as already mentioned are exercising considerable influence towards persuading the smaller farmers to discard scrub breeding as at these a number of cows and bulls are kept from which calves can be acquired.

The national sheep breeding centres as already mentioned are run on strictly economic lines each centre disposing of an agricultural property where a considerable number of ewes and rams are kept. As particularly interesting among these the Karakul sheep breeding centre at Doublanou in Vallachia where 120 breeding ewes and a number of excellent rams are stationed and the Domnitza farm, also in Vallachia for the breeding of the Tzigaja sheep should be mentioned.

Indirectly the Government exercise considerable influence on live stock breeding through the Zootechnic Department which arrange live stock shows held in various districts. Generous grants are given and diplomas and medals accorded to those who exhibit meritorious animals. During the last few years

Livestock Breeding in Russia.

While reports are issued from time to time from Russia concerning remarkable development of her live stock industry the information received direct from trustworthy correspondents has a different tale to tell and undoubtedly the industry is in the same deplorably neglected state as every thing else is in to day's Russia

The present population of Russia may probably be estimated at 133 000 000 inhabitants. How many millions succumbed during those terrible years between the ascendancy of the Bolsheviks and the present day is impossible to state and considerable numbers are constantly escaping from the country across unprotected frontiers. It is probably correct to state that of the present population about 41 million belong to the Kulaki i.e. the once well to-do peasant free holders to day living in great distress and to the smaller peasant category. It is also probably correct to state that in the present year 1928 there are about 14 000 000 peasant farms of which 195 000 are uninhabited and now deserted owing to the buildings having been pulled down for firewood.

The present live stock may be estimated at 21 000 000 horses of which 17½ millions are draught horses the rest being of a wretched type of skinny half starved horse utilised for all kinds of purposes. The cattle stock may be estimated at 26½ millions the sheep stock nearly 37 million and the pig stock between 3 800 000 and 4½ millions. The goat stock before the war very considerable is scarcely more than 500 000. In comparison with these reliable estimates the Russian official estimate for 1926 mentioned 51 200 000 cattle 77 200 000 sheep 16 900 000 pigs and 24 600 000 horses. In fact the official report received stated that the number of head has increased so rapidly during the last few years that it is fast approximating to the pre war figures in regard to pigs and sheep while in the case of cattle the number is even higher. Further the report stated that no Branch of Soviet agriculture has suffered more from the effects of the war and the civil war than live stock breeding to which remark one is inclined to subscribe.

Before the war the cultivated i.e. agricultural area was reliably estimated at 96 000 000 desjatines. In 1916 for obvious reasons this area had not been maintained and the figures were 82 500 000 desjatines. In 1920 as an immediate result of the truly shocking conditions in Russia the area decreased to 64 400 000 while in 1925 only 25 000 000 desjatines were cultivated. It should however be remarked that Bessarabia was lost to Russia in which country live stock breeding and agriculture was fairly developed. Part of Poland Finland Latvia and Estonia were likewise lost to Russia and this would of course explain to a certain degree the decrease in the area. As to the rentability

of the soil while the production was 54 poods of corn per desjatine in 1913 the crop result in 1922 was 23 poods and in 1925 17 3 poods (One pood — 16 3 kilos)

As regards live stock breeding it is true that a certain number of cattle horses sheep and pigs have been purchased in the United States in Canada in Sweden and perhaps elsewhere during the last ten years with a view of filling up the terrible gap in the country's live stock population but the official figures—such as were issued in 1927 concerning Merino sheep and coarse woolled sheep acquired in the United States—are pure invention. One of the few still existing live stock societies in Russia the Sheep Raisers Corporation Moscow is apparently trying to revive the sheep breeding industry but as any measure taken in Russia to day to improve any thing only leads to a more violent and distinct set back it is probable that the propaganda which was some years ago effected in the United States of America and in Canada in favour of Russia's sheep breeding industry was merely words and nothing else. It has recently been stated from the Statistical Bureau at Moscow that for the time being 33 000 000 acres of land in Russia eminently suitable for sheep raising are available and that the Government are agreeable to accept foreign settlers conversant with sheep breeding together with flocks for both of which satisfactory guarantees would be made. Probably nobody in his right senses would now after all that has happened in Russia feel inclined to accept the sincerity of such invitations.

During 1913 the last normal year when Russia could freely pursue agriculture manufacturing and trade she produced 47 700 000 poods of grain and 1 696 400 head of cattle. Of Russia's exports in 1913 aggregating according to the National City Banks of New York estimates \$760 000 000 one third went to Germany alone while in the same year Russia exported calf skins in value of \$10 000 000 cattle hides \$4 000 000 horse hides \$2 000 000 sheep skins \$1 500 000 and wool for carpet making \$3 500 000. During the same year Russia imported binder twine at the value of \$1 450 000 agricultural machinery etc \$7 200 000 Pedigree live stock animals \$5 350 000 etc—figures from which it may be deducted that when the present system comes to an end in Russia and normal conditions once more rule this vast country will rapidly again develop as one of the world's largest agricultural producers. The Delegation of Members of Westminster Parliament which not so long ago visited Russia reported that under present law all land belongs to the State divided among the peasants. Holdings vary from 21 acres in the north to 80 acres in the lower Volga the average size being 30 acres. The ultimate ideal of the

Soviet Government appears to be communal farming on a large scale, and great efforts are being made to improve the yield and the types of stock, both by agricultural institutes throughout the country and by the co-operative movement consisting of 50,000 primary organisations and 450 unions, while the co-operative societies are endeavouring to inculcate the communal use of agricultural machinery, and are supplying the villages with good sires in order to improve stock. Much trouble is devoted to butter making for export purposes. In 1925 the agricultural output was about 93% of the 1916 figures, or about 84% of the pre war average. As these statements most certainly never corresponded with facts, this wonderful improvement could only have existed in the imagination of those in Russia who supplied them.

One of the most remarkable co-operative organisations ever founded existed in pre war Russia where, from small beginnings, a gigantic business had been built up, with more than £140,000,000 capital invested, 250,000 people employed and a membership of over

5,000,000 of which the large majority were wage earners. This huge organisation, with all its assets and working machinery, etc., was seized by the Bolsheviks, plundered and turned to their own uses, and then destroyed. When in the year 1921 the Bolsheviks were compelled to admit shocking failure and mistaken attempts they had, in the short space of a few years, succeeded in creating economic ruin all over the country which then, to cite the words published by the "International Labour Office" was "ruined financially and disorganised".

All who have travelled in Russia and are conversant with the truly enormous areas of most fertile soil will, however, agree that when the present misrule comes to an end, the requirements of the country in live stock to rebuild this industry must be very considerable indeed. Unlike a manufacturing country where the industrial activities have been destroyed owing to war or other reasons, Russia is an agricultural country, and two or three years successful crops will probably restore to a large degree her pre war prosperity.

Livestock Breeding in Sardinia.

Prior to the foundation of the present kingdom of Italy, Sardinia was a kingdom of its own—in fact it may be stated that this island was really the nucleus of the present-day Italy. It was long ruled by the House of Savoy. It is the largest island in the Mediterranean Sea next to Sicily, and now belongs to Italy. Together with a number of smaller islands the area is over 9,000 square miles. Sardinia was long well known for the breeding of cattle, sheep and goats, and it is still to-day one of the few places in Europe where the wild sheep—Mouflon—exist. Remarkably good cattle are bred all over the island of a high milk production and fat percentage and the Sardinian butter is highly appreciated in many parts of Italy. The sheep are likewise a good breed but the wool is somewhat coarse. Wheat is extensively cultivated. The cultivation of grapes, oranges, lemons and tobacco besides live stock rearing forms the mainstay of agriculture. Although the island is to a very great degree covered by mountains, there are large plains where the cattle and sheep graze. One of these extremely fruitful plains the Campidano stretching straight across the island from Cagliari to the Gulf of Oristano. A number of powerful rivers traverse the island. While the soil is very fertile, the methods

of cultivation are still extremely primitive owing to the fact that there are no large farms in existence, the whole country being divided up into very small holdings. No attempts have been made to educate the Sardinians to adopt more modern methods of farming, but during the last few years farmers have commenced the system of Bull and Ram Depôts to prevent too much inbreeding and undoubtedly a survey on the spot of existing conditions by interested live stock men might easily result in opportunities for selling stud animals. Sardinia is divided into two provinces Cagliari and Sassari. The population is probably over 1,000,000. The origin of the people is shrouded in mystery as the island successively was over run by Greeks, Vandals, Saracens, Genoese, and for a lengthy time the Pisans held the island. In the year 1327 it came into the possession of Spain, and later on of Austria.

No special live stock census for Sardinia has ever been effected and whether the number of cattle, sheep, pigs and horses which is not inconsiderable, comparatively speaking, is reported to the Italian authorities and included in the live stock census for Italy, is unknown.

Livestock Breeding in Spain.

The co-operative movement seems to have completely taken hold of farmers and live stock breeders in Spain, and the measure of self help that of late years has been created through co operation is surprisingly large. The Association of Live Stock Breeders—"Asociación General de Ganaderos," Calle Huertas, 30, Madrid, has a membership of over 500,000 active members, each of whom is a breeder of live stock. Thus, this Association is probably the largest of its kind in the world. With headquarters at Madrid, the Association has local offices under direct management at no less than 47 different places. In the following article, written by the Association, the scope of its various activities is described. Among other Associations for promoting agricultural live stock breeding, dairying and poultry breeding the following are the most prominent:

Asoc. a ion de Ingenieros Agrónomos Marques de Valdeiglesias 1 Madrid
Consejo Agrónomo co Zurbano 98 pral Madrid
Asoc. ac ón de Agricultores de España Los Madrazo 13 Madrid
Cámara Agrícola Madrileña Los Madrazo 13 Madrid
Grem io de Dueños de Vaquerías de Mad d Claudio Coello 60 Madrid
Cámara Agrícola del pto de Alcalá de Henares Alcalá de H
Asoc. ac ón de Vendedores de leche en Madrid Horno de la Mata 7
Sociedad de Dueños de caberías de Madrid Luchana 4 bajo
La A. Agrícola Getafense Getafe
La Verdadiera Asociación de Vendedores de leche s n estable H lano
Peñasco 6 Madrid
Federac ón Agraria de Cast lla la Nueva Madrid
Soc. ad de vaqueros cabrer os y demás transcantes de leche del térm no
1 un c pial de Valdecas Valdecas
Fed rac ón Agrícola Madrileña Arrieta 12 Madrid
Nueva sociedad de vendedores de leche de Madrid Cabeza 9 20 Madrid
Asoc. ón de vendedores de ganado Atocha 123 19 Madrid
La A. Agrícola Madrileña Plaza de Santo Domingo 12 1 da
Un ón de expendedoros de leche de este corte Monteleón 2º bajo Madrid

The chief Institutes and High Schools for Agriculture, Live Stock Breeding and Veterinary Sciences are

Escuela de Agric ltura La Moncloa Madrid
Escuela de Ingenieros Agrónomos La Moncloa Madrid
Escuela de Veter nar a Embajadores 70 Madr d
Escuela Especial de Fqu tación Villalar 5 duplicado

The Chambers of Agriculture in Spain have a great function to fulfil and are actively supporting the agriculturists in their respective Provinces. There is a Chamber—Cámara Agrícola—in each Province, while in each of the following provincial towns there is a local Chamber of Agriculture for dealing with matters of interest and importance to the immediately surrounding district. The provincial capitals in which there are Chambers of Agriculture, are Huesca, Zaragoza, Teruel, Barcelona, Tarragona, Lenda, Gerona, Valencia, Alicante, Castellon, Burgos, Logroño, Santander, Palencia, Madrid, Toledo, Ciudad Real, Albacete, Guadalajara, Soria, Segovia, Avila, Cuenca, Valladolid, Malaga, Almeria, Granada, Jaen, Murcia, Cadiz, Huelva, Seville, Cordova, Badajoz, Caceres, Coruna, Orense, Lugo, Pontevedra, Leon, Zamora, Salamanca and Oviedo, Palma, S Sebastian, Vitoria, Pamplona.

Spread all over the country there are 70 Associations of farmers and live stock breeders, each founded for a specific purpose, generally for the benefit of the district in which the Association is established. Most of these are very active and doing much good for their members, and interested live stock men in other countries would undoubtedly find much assistance

in any investigations contemplated if correspondence be addressed to the Secretaries. These Associations are.

Agrícola Catalana Balear Barcelona
Confederación Nacional Agraria Cató l ca de Madrid Madrid
Federación Cató lico agraria de Alava Vitoria Alava
Federación Agraria Alcantina Orhuela Alicante
Federación Cató lico agraria Almería
Federación Cató lico agraria Avila
Federación Cató lico agraria Badajoz
Federación Cató l co-agraria Vich Barcelona
Federación Cató lico agraria Berga Barcelona
Federación de Sind catos agrícolas agrupados de Barcelona Barcelona
Federación agraria de Plá de Bagas Manresa Barcelona
Federación de Sindicatos agrícolas católicos de la diócesis Burgos Burgos
Federación Cató lico-agraria Placentina Plasencia Cáceres
Federación Cató lico agraria del Guadalete Jerez de la Frontera Cadiz
Federación de Sindicatos agrícolas católicos de la Mancha Ciudad Real
Federación Cató lico-agraria Córdoba
Federación Cató l co-agraria Baena Córdoba
Federación Cató lico-agraria Santiago La Coruña
Federación Cató lico-agraria Oitigueira La Coruña
Fed rac ón Cató l co agraria La Coruña
Federación Sindical agraria Gerona
Federación Cató lico agraria Granada
Federación agraria Seguntina S gúenza Cuadalajara
Federación Cató lico-agraria San Sebastián Gu pútea
Fed rac ón Agraria Alto Aragonesa Huesca
Federación Agraria de Sindicatos Agrícolas Barbastro Huesca
Federación Cató l co agrar a Jaén
Federación Cató lico agraria León
Federación Agraria de la diócesis de Astorga Astorga León
Federación Cató l co agraria Llerda
Federación Cató lico agraria Seo de Urgel Lenda
Federación de Sind catos agrícolas católicos de la diócesis Logroño
Fed rac ón Vindequense de s ndicatos agrícolas Mondoñedo Lugo
Federación de Sindicatos agrícolas Bóveda (Montforte) Lugo
Federación de Asociaciones de Agricultores Chantada Lugo
Fed rac ón Cató l co agraria Lugo
Fed rac ón Cató l co agraria Malaga
Federación Cató l co Agraria Murcia
Federación Agraria Instructiva de Levante Murcia
Federación Cató l co social de Navarra Pamplona Navarra
Federación Cató l co agraria Orense
Federación Diocesana de Sind catos agrícolas Oviedo
Federación Agrícola Avilés Oviedo
Federación Ore ntal Asturiana de Sindicatos agrícolas Nava Oviedo
Federación Agraria Cató lico agraria Oviedo
Federación Cató lico agraria Palencia
Federación de las Sociedades y s ndicatos agrícolas La Estrada Pontevedra
Federación Cató lico agraria de la diócesis de Tuy Pontevedra
Federación Cató l co agraria Salamanca a Sala nca
Federación Agrícola M rbrugense Ciudad Rodrigo Salamanca
Federación Agraria Montañesa Santan lrr
Federación Agraria Segovia
Fed rac ón Cató l co agraria Sevilla
Fed rac ón Cató l co agrícola de la diócesis de Osma Soria
Fed rac ón de Sindicatos agrícolas del Campo de Tarragona Tarragona
Federación Agraria de la Coma de Barbatr Montblanch Tarragona
Federación Agrícola del lbro Tortosa Tarragona
Federación Agrícola del Alto Campo de Tarragona Tarragona
Federación Toresense de S nd catos Agrícolas Teruel
Federación Cató lico agraria de la diócesis de Toledo Toledo
Federación Agraria de Levante Valenc a
Federación Agrícola de S ndicatos agrícolas Valencia
Federación Agrícola de Castilla la Vieja Valladolid
Fed rac ón de S nd catos agrícolas cató lcos Valladolid
Fed rac ón de S ndicatos agrícolas cató lcos Villalón Valladolid
Federación de Sind catos agrícolas de V zcaya B lbao Vizcaya
Federación de S ndicatos agrícolas y Cajas rurales de la diócesis y provincia

Federación Agraria Aragonesa Zaragoza
Fed rac ón diocesana de lnt dades Cató l co-agrarias de Tarazona y Tudela
Zaragoza

The activities of the various breed societies and syndicates formed for co-operation are often remarkable for the results obtained, and indisputably the Spanish peasants have a sure eye for livestock breeding. These societies are powerfully supported by the Spanish aristocracy, and it should be noted that a very considerable portion of rural Spain is owned by the nobility. Among the most active of these associations for stock-breeding the following should be mentioned.

BREED SOCIETIES

Asociac ón de Antiguos Alumnos de la Escuela Sierra Pa nblev
Asoc. ac ón del val Alfar a Madrid
Asociación Provincial de Ganaderos Tricena Santander
Caja de lana lrr de Zaragoza Zaragoza

Consejo Provincial de Agricultura y Ganadería Alentejo
 Consejo Provincial de Agricultura y Ganadería de Talavera
 Consejo Provincial de Agricultura y Ganadería de Granada
 Consejo Provincial de Agricultura y Ganadería de León
 Consejo Provincial de Agricultura y Ganadería de Cádiz
 Diputación Provincial de Oviedo, Oviedo
 Estación de Agricultura General de Almería
 Junta Provincial de Ganaderos de León
 Junta Provincial de Ganaderos de Zamora
 Junta de Ganaderos de Ciudad Real Ciudad Real
 Junta Provincial de Toledo Toledo
 Junta Provincial de Valencia Valencia
 Junta Provincial de Ganaderos de Cádiz Cádiz
 Junta Provincial de Ganaderos de Segovia Segovia
 Junta Provincial de Ganaderos de Soria Soria
 Junta Provincial de Ganaderos de Guipúzcoa
 Sindicato Agrícola de Segovia Segovia
 Sindicato Agrícola de Navarra Navarra
 Sindicato Agrícola de Sotillo del Barco
 Sindicato Agrícola de Nivola de Illastre
 Sociedad del Caballo Nacional de Toros Lligero Madrid
 Sociedad de Agricultores de Fomelos Fomelos
 Sociedad de Agricultores de Moreja
 Sociedad de Agricultores de Puente de las Nubes
 Sociedad de Agricultores de Amos de Amos
 Sociedad Cooperativa de Sempere Lascano

LIVESTOCK SHOWS (Concurso de Ganadero)

As an Association of livestock men for the encouragement and furtherance of domestic animal breeding the Asociación General de Ganaderos

is probably unique. Besides being the oldest among breed Associations in the World it is certainly the most many sided, the most really helpful to the members and its guiding hand is everywhere noticeable. As already stated one among its many activities is the arranging of agricultural and livestock shows held all over the country. Among these Shows where the student of stock breeding is always sure of seeing very good animals exhibited by their actual breeders the following are perhaps the most instructive

CONCURSO DE GANADERO AT

Jerez de la Frontera Andalucía	Ledesma León
Huesca Aragón	Medina de Pomar Burgos
Orhuela Aliante	Tudela Navarra
Aviles Asturias	Noya Coruña
Araoz Huéla	Onate Alicante
Coruña Galicia	Arborea Albacete
Ascoitia Guipúzcoa	Puente de las Nubes Pontevedra
Burgos Segovia	Sáron Santander
Benavente Coruña	Talavera de la Reina Toledo
Calatayud Saragossa	Tudela Navarra
Collado Seco	Tenel Aragón
Cáceres Extremadura	Segovia Guipúzcoa
Carballo Coruña	Villanueva Guipúzcoa
Fuenterabía Guipúzcoa	Zamora León
Granada Andalucía	Zaragoza Aragón

Spain's Livestock Industry.

By THE GENERAL ASSOCIATION OF LIVE STOCK BREEDERS Madrid (Asociación General de Ganaderos 30 Calle Huertas Madrid)

HORSES The Horse stock in Spain totals some 900,000 head, classified according to breed and purpose. Of saddle horses the most important breed is the native Spanish in existence since time immemorial particularly in the South. Agricultural development sport and the natural inclination of the inhabitants of the southern Provinces have conducted to the extraordinary popularity of the saddle horse of which fine specimens were early bred. Numerous Stud farms provide horses for the Army for private use and for agriculture. To-day this branch of live stock breeding is however not so flourishing as it was nevertheless measures are in train to maintain and improve this breed partly by means of the Spanish Stud Book instituted in 1883 and Shows throughout districts in which there are saddle mares capable of producing good specimens. There are Stud farms at Castile and León for breeding saddle horses but generally speaking, the horses are smaller and lighter.

Several breeds in measure under 15 or 16 inches are bred in the Galicia and Pyrene districts. Lomian ponies noted for their extraordinary power of endurance are bred in the Province of Burgos. In shape they resemble Arabs. Arab stallions are travelled all over the country with excellent results and when mated with Lomian mares, produce a cross-bred horse somewhat larger than the native horse well proportioned, quiet and able to endure hard work.

Spain has made conspicuous progress in breeding Arab horses and possesses to-day magnificent mares and sires. This revival of the Arab is chiefly due to the enterprise of the War Office which established a

Stud of Arab mares and imported a number of excellent sires.

English Thoroughbreds have always been popular in Spain and from these good specimens of Anglo-Spanish, Anglo-Arab and Spanish Anglo-Arab horses are bred.

The typical draught horse in Spain is bred in the Provinces of Santander, Logroño, Navarre, Saragossa and Teruel and in the pastoral districts of Murcia and Valencia. The War Office horse breeding Department travels stallions in various districts and these have everywhere effected improvement in the stock. The breeding of Hackneys once assumed considerable proportions in Spain but it was confined to the production of high class carriage horses and those who devoted themselves with obvious success to the development of this breed seem now to have ceased operations.

CATTLE The Cattle stock numbers 3,918,189 head of the types which have been indigenous breeds in Galicia, Pyrene, Tudanca, Leonese, Salmantina, Asturiana, the Spanish Highlands, Estremadura, Andalusia and Murcia. Of these the Galicia, Asturiana, Pyrene, Tudanca and Leonese cattle are bred in the North and are dual purpose cattle—or rather cattle without any special dairy attributes but if milked regularly produce a fair quantity of milk rich in fat. In the Provinces of Asturiana and León a number of up-to-date dairies absorb most of the milk produced. The steers of these breeds fatten easily and considerable supplies of beasts are slaughtered at the large summing centres of the country. The two P

with the largest cattle stocks are Coruña and Asturias in the North, each with about a million head. In Castille the Samora, the Salamanca and the Barquena breeds are found, all of great size, bred solely for meat, while the bullocks are famous as draught oxen.

In the South, the Estremenia and Andalusia breeds have developed under good grazing conditions. These are excellent draught cattle and good meat-producers but more intensified cultivation and the demand of the big towns seem to stimulate the breeding of dairy cattle.

In Galicia Asturias Santander, Vascongadas Navarre and Cataluna the breeding of Swiss and Friesian cattle has made extraordinary strides, and the General Association of Live Stock Breeders is at present engaged in establishing a Herd Book for Spanish bred Andalusia and Swiss cattle.

As the improvement of these cattle can only be effected by means of milk recording to ensure the use of the best cows and their male offspring for breeding purposes, the Association has established a "Register of Milk Records" hoping to obtain within a short period the benefits thus achieved elsewhere for the cattle industry. Up till now this movement has not received much attention in Spain, but there is reason to hope that the recording of Pedigrees will become much more widely spread and extend to other breeds and species.

PIGS There are about five and-a-half million pigs in Spain. The indigenous breeds are the Celtic and the Iberian pigs. The Celtic pig, of very strong constitution, has been completely absorbed through crossing with the Yorkshire breed. It used to be bred by the peasants in the North where every farm bred two or three for its own requirements. The Yorkshire cross rapidly came in favour owing to early maturity and relative proportion of lean meat to fat. An example of successful crossing may be seen in a breed in Alava which, strictly speaking, should not be termed cross-bred since its characteristics have become so constant as to become regularly reproduced. Breeding boars of this breed are everywhere in great demand. The Craon pig has also been used for crossing purposes though on a smaller scale.

The Iberian pig, bred in the South, is admirably suited to the agriculture of the Provinces of Estremenia and Andalusia. It feeds on the fallow-land and thrives on acorns and nuts in the large oak and cork-tree forests, a source of wealth to the South of Spain. It fattens quickly on acorns, maize and barley. Crossing experiments are in progress with a view to solving the problem to pig breeders of developing the Iberian pigs' qualities.

Up to a few years ago the high mortality due to cholera was a source of heavy losses and caused a considerable number of breeders to go out of the business. The problem has however, been satisfactorily solved by the use of vaccine and those who inoculate their stock find themselves freed from this terrible epidemic.

There are very big centres in Spain for the commercial handling of pigs, employing modern methods and freezing plant. Breeders have recently erected an Abattoir at Merida where a large proportion of the country's pig production can be commercially handled. This seems to exercise a stabilising effect on the market.

SHEEP—Among the Sheep in Spain, 20,521,677 in number, the Merino the Andalusian and the Churra breeds are the most prominent. The Spanish Merino is the foundation stock of all the Merinos in the world. It retains its outstanding ability to produce mutton and wool. It is reared on a migratory system—the flocks taking advantage of the summer pasture in the Pyrenees and later transported to central and southern Spain where the winter temperature is mild. By this means the flocks make use of natural resources which otherwise would be wasted, since their feeding grounds are not susceptible of cultivation and the grass in consequence never attains such a growth as might be eaten by other species of stock, nor can it be mown and preserved as hay.

The Churra sheep, also called the large sheep because their fleece more nearly approximates to hair than wool by reason of closeness, are a very prominent breed. The wool is chiefly used for the manufacture of mattresses. Hardy and impervious to cold, the breed has a highly developed milking capacity, and from the milk various kinds of cheese such as Burgos and Villalon cheese are made. This breed, however, is losing ground to the La Mancha Merino typed Sheep.

The Aragonese, the Castilian and the La Mancha sheep are all valuable breeds. The last named have attained high development, their chief characteristic being great milking capacity, "La Mancha cheese," made from the milk of the ewes is well known.

Sheep play a very important part in Spain as milk producers and supply annually in round figures 16 320 900 gallons of milk, as compared with the famous Murcia, Granada, Costena and Malaga goats which produce about 46 315 500 gallons. The annual wool clip is estimated at 110 275 000 lbs and leaves a surplus for exportation.

The General Live Stock Breeders' Association whose address is 30, Calle Huertas, Madrid is a Corporation of great antiquity the origin of which can be traced to the Middle Ages. It represents the live stock breeders in Spain and interests itself in all problems inseparable from live stock breeding and agriculture.

Its central organisation comprises a permanent Council consisting of a President appointed by Royal Decree, thirty ordinary members and a General Secretary, and the administration of the Association is in the hands of this Council. With a view to ensuring methodical development of its activities the Council is divided into Special Committees to each of which are allotted certain objects of study. Thus there are Committees to deal with sheep breeding, Shows, competitions and stock development, with cattle breed-

ing, co-operative services, with the purchase and sale of securities, seeds, corn, machinery and stock, public slaughterhouses, dependent industries' tariffs, commercial relations and economics. These Committees and the Association as a whole are assisted in their work by agricultural, veterinary, etc. experts.

In order to keep in close touch with breeders, to learn their wishes and to co-operate with them, the Association has organised a very well-functioning provincial organisation. In some districts there are Commissions which maintain the necessary contact with the Association, and in every Province there is a Provincial Council, while in the villages there have been in existence since time immemorial so called local Councils which collect first hand information from the breeders as to their ambitions and desires, thus constituting an organisation which renders possible a safe-guarding of the various agricultural and stock breeding interests.

The General Association is responsible for all live stock Shows in Spain. Every fourth year a National Exhibition is held at Madrid where all the National breeds and products connected with live stock are exhibited.

One of the most important sections of the Association is devoted to the milk industry. It has an advisory centre and arranges courses of instruction travelling round the chief centres of production.

The sanitary section performs useful work in its sphere by answering enquiries as to diseases and preventions.

The very active animal nutrition section has assumed an extraordinary importance, reflected in greater attention paid to feeding problems. It supplies in large quantities corn, cake and offals as well as other native or imported products such as beans, beet pulp, and maize. The Association maintains for this section a laboratory for the testing of seeds, etc. The Association is organised as a co-operative society, buying the materials produce, machinery, etc. which its members require, and selling stock and commodities of which the breeders desire to dispose. For live stock sales it relies on its own slaughterhouses. Provincial and district councils, syndicates and societies send their animals to the Association which undertakes sale slaughter, etc. The Association runs a wool cleaning establishment, fitted with all modern improvements through which breeders can sell their wool to weavers and eliminate the middle-man.

The Association's loan office has materially assisted in the development of live-stock breeding by offering effective assistance to members in difficult times. Loans are granted to individual breeders as well as to stock breeding societies the limit for the former being 3,000 pesetas and for the latter 10,000 pesetas at 4% per annum. The Association accepts as security personal or joint bonds, wool-clips, and the produce of live stock in general, and is making efforts further to extend and improve this service which contributes much to the live stock resources of the country.

Illustrated on page 569

Prominent Breeders

CATTLE

Acosta, Miguel J. Rodríguez	Vac Madrid	Madrid A	Casa de Ganaderos	Zaragoza
Herrederos de			Casares, Constantino	Campo de Suso
Acosta, Miguel R.		Granada	Casillas Francisco	Caceres
Aguilera, Ricardo	Bezana	Santander	Castellar, Marqués de	Madrid
Aladro Bonifacio	Sta. Cruz de Bezana	Santander	Castillo Leopoldo	Badajoz
Albarrán, Manuel María	Bineces	Oviedo	Castillo de Chirel, Baroness	Madrid
Alcas, Manuel García		Badajoz	Cayón, Cesilio	Santander
Alonso Armesto		Colmenar Viejo	Celis Gutiérrez de Sra	Santander
Alonso Baldomero	Veduna del Campo	Ponza	Chirel, Barón del Castillo	Madrid
Alonso Jesús		Valladolid	Claurac, Rafael L.	Salamanca
Alvarez Enrique		Riado	Comillas, Marqués de	Madrid
Alvarez José	Pardones	Peñafiel	Consejo Provincial de Fom	Madrid
Alvarez Pedro		Oviedo	Corbalán Francisco	Madrid
Andúlla Barón de	Los Pozuelos de Calatrava	Santander	Corral Rogelio Miguel del	Villavieja de
Andúy, Félix Moreno	Palma del Río	Ciudad Real		Veltes
Arturo Ignacio Fernández	Vectine de Boscans	Oviedo	Correa Antonio	Santander
Asplara Domingo		Bilbao	Costa José	Galicia
Aspillaga José María	Cestona	Guipúzcoa	Cuerna Basilio	Pontevedra
Ayuso, Hilario		Segovia	Cuervo Antonio	Oviedo
Bárcena José		Santander	Díaz Manuel	Caceres
Bartolomé Indalecio		Lugo	Díaz Manuel	Cabreriza
Bartolomé García		Garrón	Diego, Leonardo de	Lugo
Bartolomé León		Córdoba	Diputación de Guipúzcoa	Ponza
Belmonte Francisco	Bentaján	Murcia	Diputación de Valencia	San Sebastian
Belmonte José Frutos	Ben a An	Murcia	Diputación de Vizcaya	Valencia
Bermejo Andrés		Colmenar Viejo	Diputación Provincial	Bilbao
Blanco, Ernesto		Salamanca	Elzomaga, Bautista	Zamora
Blanco Genaro	Da	Pontevedra	Encarnación Rubio, La	Navarra
Blanco Genaro		Galicia	Escalante Carlos Pombó	Madrid
Blanco Ramón		Nova	España, Dorotheo	Madrid
Blanco, Francisco	Sta. Cruz de Bezana	Santander	España, Manuel	Madrid
Busto, Manuel		Carreño	Esquerdo, Hermanos	Casabanchel
Calvo, José Puñón	Neda	Coruña	Esteban, Gaspar	Oviedo
Camacho, Ramón		Bilbao	Fabre Enrique	Madrid
Campo, Mateo y elacio	Puerto de Valdeca	Madrid	Fernández, Antonio	Cabreriza
Campo de Ortizana de	Don Benito	Badajoz	Fernández, Antonio	Madrid
León		Bilbao	Fernández, Domingo	Madrid
Canales Pedro		Oviedo	Fernández, Manuel	Oviedo
Capeón, José		Cervantes	Fernández Nieto	Lugo
Carrero, Manuel			Fernández Nieto	

PROMINENT BREEDERS (contd.)

CATTLE (contd.)

Fernández Pedro	Caldueño	Oviedo	Ortiz Tomás	Madrid
Fernández Rafael	Irazones	Oviedo	Otero Francisco Sabín	Coruña
Fernández Ricardo		Valdoviño	Otero Senén	León
Ferreira Bernardo	Rosende	Lugo	Pablo Juan Vázquez de	Sevilla
Ferreiro, Bernardo		Lugo	Papantín Andrés	Coruña
Fontera, Marqués de la	Membrio	Madrid	Parada Emilia Da	Orense
Foray Antonio		Madrid	Pardo Tomás Ortiz	Madrid
García Andrés		Campo de Suso	Parrey José	Badajoz
García Benigno	Campo de Paso	Oviedo	Parga José Rego	Lugo
García Gonzalo	Requejada	Santander	Pellón Jerónimo Sainz	Santander
García Gonzalo	Polanco	Santander	Peña Félix García de la	Badajoz
García José		Campo de Caso	Petrandra Duque de	Cáceres
García Víctor	Cangas de Ons	Oviedo	Petarra Juan Paz	Pontevedra
Garro Marcelino	Val de Santo Domingo	Toledo	Piedra Félix	Salcedo
Garzón Gregorio	Linares	Jafía	Polado Francisco	Oriña
Getuén Vidal		Madrid		Sta Cruz de Berana
Genovés Francisco		Valencia	Pombo Carlos	Santander
Gómez Benito	Catobad	Pontevedra	Pomposo Alfredo	Sta Cruz de Berana
Gómez Luis Miera	Peñacastillo	Santander		Oviedo
González Benito	Gumarán	Galicia	Posada Juan Flores	Jafía
González Emilio		Oviedo	Prado y Palaco José del	Santander
González José		Sebraga	Pumariego Gregorio	Oviedo
González José	Campo de Caso	Oviedo	Purón Juan	Oviedo
González José	Los Corrales	Badajoz As	Purón Manuel	Norega
Granada Enrique & Calderón de Robles	Don Benito		Quijano José Antonio	Los Corrales
Granja de San Isidro	Villaverde	Madrid	Quintana José María Blanco	
Gregorio Félix de	Piedrabita	Avila	Quintana José Tomás	La Baña
Gremio de Dueños de Vaquerías		Madrid	Quintela Manuel	Coruña
Gremio de Vaquerías de Madrid		Madrid	Quiros José Bernaldo de	Corzo
Gruñuela Telciano	Sta Cruz de Bezana	Vizcaya	Ramírez Francisco	La Espiella
Guernicabeita Ignacio P		Toledo	Ramón Andrés Roca	Villafranca de la Sierra
Guervara Count de		Santander		Valencia Rebaredo, Santiago
Gutiérrez de Celis Sra de	Carrejo	Madrid	Rabaredo Santiago	Irijo
Hastadón Pedro		Madrid	Rebuelta Andrés	Infantes
Hernández Baldomero		Murcia	Rebuelta J	Orense
Hernández Luis Martínez	Villanueva del Fresno	Badajoz	Rego José	Ciudad Real
Hernández Soriano		Sosa	Reverita Hermanos	Murcia
Herrera Tomás	Tetuán de Las Victorias	Bilbao	Ribera Tomás	Lugo A
Ibarra Tomás		Vizcaya	Rengio, Honaro	Ciudad Real
Ibañez Marcelino		Coruña	Rivero, Félix Pereda	Orense
Insúa Ramón	La Baña	Santander	Rodríguez Arturo & Natalio	Madrid
Jenese Ramón		Burgos	Rodríguez Domingo	Santander
Juan Carlos de	Abedo	Madrid	Rodríguez Manuel	Barco de Avila
Junta Local de Ganaderos	Colum Viejo	Segovia	Rodríguez Manuel	Coruña
Junta Local de Ganaderos	San Ildefonso	Burgos	Rodríguez Salvador	Carballo
Junta Provincial de Ganaderos		Bilbao	Rodríguez Severino	Lugo
Junta Provincial de Ganaderos de Vizcaya		León	Romero Manuel Otón	Valencia
Junta Provincial de León		León	Ruano Fernando	Orense
Junta Provincial de Ganaderos		Oviedo	Rubio Marcelino	Coruña
Lacín Florentina	Riade	Oviedo	Ruiz Angel	Madrid
Lago Alejandro Vega	Campo de Caso	Oviedo	Saavedra Pedro	Alcantarilla
Lago Eduardo	Campo	Oviedo	Saint Antonio	Santander
Lanza Emilio	Monte	Santander	Sáiz Antonio	Santander
Lanza Miguel	Monte	Santander	San Pedro Carlos Rodríguez	Madrid
Lanza Ramón	San Román	Santander	Sánchez Juana Da	Salamanca
Lastra y de Hoces José de la		Córdoba	Sánchez y Sánchez Ignacio	Salamanca
Leguina Alfonso		Santander	Sánchez Valentín	Oviedo
Linares Antonio		Labarces	Sandá Manuel	Coruña
López Constantino	Cuntis	Pontevedra	Santamania Francisco	Madrid
López Juan		Lugo	Santana Víctor	Vizcaya
López Nicasio	Puago	Oviedo	Sección Agrícola de Lugo	Lugo
Luján Antonio Alcázar	El Palmer	Murcia	Senén Otero	León
Manrique Prudencio	Monte	Santander	Serrano H lario	Burgos
Marcel no Rubio	San Miguel	León	Setien Vidal	Madrid
Marroquina José María		Urdaiz	Simón Abio	Vizcaya
Martínez Celerino		Campo de Caso	Simón cato Agrícola de Soandres	Coruña
Martínez Gabriel Frutos		Madrid	Soniano y Nicolau Saturnino	Santander
Martínez Luis	Villanueva de Fresno	Córdoba	Sotomayor Florentino	Badajoz
Martínez Macario		Navarra	Sotomayor Sires	Córdoba Aip
Martínez Manuel		Castrejana	Suárez Manuel	Granada
Mascolella José María		Rumeit	Suárez Carlos	Madrid
Maza Aurelio de la		Peñacastillo	Tajada Julian Pérez de	Oviedo
Maza, Avelino de la		Silguerna	Tella Policarpo	Badajoz
Mier Martin		Oviedo	Terdín Nicolás Mier	Cacón
Mora Luis		Villa	Toca Manuel	Galicia
Muel Francisco de		Norega	Toca Ramón	Santander
Miguel, Saturnino			Tomé Vicente	Zamora
Miranda Fernando González			Torres Dionisio	Santander
Molina Iago o			Torreba Juan Manuel	Sana
Molina, Eugenio			Travieso Angel	Oviedo
Montañas Count de			Trojada Julian Pérez de	Badajoz
Morero, Gregorio	Jerez de los Caballeros		Trespalac os Félix	Oviedo
Muñiz, José María	Loguana		Trespalacios Félix	Asturias
Muñoz Vincelán			Vacas Prim luro	Madrid
Navarro, Daniel o	Marina Cudeyo		Vega Felipe	León
Navarro, Luis	Puerto Tocinos		Vega Alejandro	Oviedo
Nicolás, Basilio San			Vega Emilio de la	Oviedo
Norega Bernardino			Ventorella Ramón	Orense
Ortega, Lorenzo P	Salas de los Infantes		Vieiro Juan Vm	Santander
Ortiz, Antón & García	Las Arenas		Villagas Fermín	Oviedo
Olaso, Marqués de	Puñal del Río		Viquez Miguel	Valencia
Orduño Marqués de	Castroñuelo		Zárraga Fernando Taboada	Lugo

PROMINENT BREEDERS (cont'd)

PIGS

Albarrán, Manuel María	Badajoz Arc	Lotano Pedro	Madrid
Albuquerque Duquesa de	Madrid	Mazurcheili D ego	Lorca
Ameyzaga Hurtado de	Guadalupe	Moreno Félix	Córdoba
Asociación de Reñadores		Morena Manuel García	Huelva
Candau Simón	Coronel	Parque Vicoquis de	Badajoz sh
Castillo Leopoldo	Puebla de la Calzada	Parrondo Manuel	Ciudad Real
Clar Miguel	Santafé	Peñaranda Duque de	Cáceres
Díaz a Duro	Don Benito	Prado y Polanco José del	Jaén e
Garay Antonio	Vembrio	Rincón y Rincón Francisco	Huelva As
García León	Hornachuelo es	Salazar Pablo	Burgos
García Pablo	Akadeute de la Jara	Sánchez Evancio	Badajoz s
Garro Marcelino	Val de Santo Domingo	Sánchez Lisardo	Badajoz s
Guerrero Sebastián García	Talavera la Real	Sant Vicente Sra	Badajoz
Guevara Count de		Sotomayor Florentino	Córdoba Arc
H grupo, Alfonso		Thomas Ruperto	Badajoz
Lora Manuel Martínez	Palma de Rio	Vacas Imit ano	Badajoz s

SHEEP

Albarrán, Manuel María	Badajoz Ap	Granja Agrícola de Ciudad Real	Madrid
Anchañes Marqués de	Madrid p	Granja Agrícola de Valladolid	Valladolid d
Alonso, Anacleto	Burgos	Granja Escuela de Agricultura	Badajoz
Alonso, Baldomero	Valladolid	Granja Oficial de Valladolid	Valladolid d
	Chamartin	Cuerrero Hermanos	Jerez de la
	de la Rosa		Fraseria A
Alonso, Gabriel	Sardón de Duero	Guerrero Pedro	Cádiz
Alonso, M Ilán	Cáceres p	Guevara Count de	Badajoz
Ameyzaga Hurtado de	Ciudad Real e	Guevara Count de	Toledo rpa
Andilla Baron de	Salamanca	Gu Bón José	Badajoz
	Segovia	H Idago Ricardo	León
Angoso Victoriano, H jos de	Córdoba es	Higuero Alfonso	Cáceres e
Arce Domingo Rodríguez	Valladolid	García León	Córdoba
Arduany Felix Moreno	Madrid	García Sebastián	Badajoz
Aras Ramón Fernández	Malpica	Ibarra y M ura	Sevilla
Arón Duque de	Gulpitua e	Infesta Rosario	Madrid
Ast garraga José María	Cáceres A	Jardane Jorge	Zargosa s
Avila Alfonso Higuero	Akobenadas	Jiménez José Fernández	Granada
Baena José Méndez	Castellón	Jiménez Romualda Sra	Jaén
Barbott Gregorio	Torrejón de	Junta Local de Ganaderos de	Madrid e
Berganza Martín	Velasco	Colmenar Viejo	
	Valladolid	Junta Provincial de Ganaderos	
Bernal Fél x Blanco	Madrid	Jurado Arturo	Vélez
Bertronal Narciso	Zaragoza	Lal ta Genaro	Sardón de Duero
Bescón Vicente	Salamanca	Lasheras, Rafael A	
Blaanco, Juan Sánchez	Zaragoza	López José Muñoz	
Blázquez Gregorio	Ciudad Real e	Lozano Tomás	
Borch Enrique	Badajoz	Mastro Tomás Muñoz	
Bravo Dion suo Delgado	Santander	Martin Florentin	
Burunda Balbino García de	Toledo	Martin Camil de	
Cabrera, J M E	Toledo	Mart nez Julian	
Cabrera Manuel y Mitos	Badajoz e	Martnez M guel Peña	
Calero, Adolfo y Leon	Badajoz e	Metrano Ramón	
Campos de Orellana de Count	Sevilla A	Moreno Antonio M guel y	
Candau y Pizarro Simón	La Carolina	Moreno Florent no Sotomeyor	
Cappel Francisco Jiménez	Malaga	Munio Dámaso G I	
Cáñero, Juan	Argamasilla de Alba	Munio Dámaso G I	
Casa Pacheco Marques de	Ciudad Real	Munio Pedro	
Casillas Francisco	Cáceres e	Munio Pedro	
Castillo Jesús Cánovas del	Madrid	Munio Tomás	
Castillo Leopoldo	Badajoz Ape	Nájera Casti la Sra	
Chica y Damas Manuel de la	Jaén	Novalés, Sergio	
Cistué Manuel Pérez	Zaragoza	Pacheco Evaristo	
Claure, Rafael L	Salamanca e	Parque Vicoquis de	
Cobaleda, Abilio	Salamanca	Parras Juan Martínez	
Cobaleda, Matías Sánchez	Salamanca A	Parrella Enrique	
Comillas Marqués de	Toledo e	Parrella y Bayo Luis	
Contreras Turso Febrel	Soria	Pedro, Carmen de la	
Córdoba Elvora de	Madrid	Pedra Eladio de la	
Cortés y Gómez Valader	Madrid	Peralas Marqués de	
	Badaz oz	Peralas Marqués de	
	Burgos	Peralas Marqués de y Her	
Cortés Felipe Pérez	San Sebastián e	manos	
D putación de G upuzoa	Alencia	Perez Felipe	
Divis on Agropecuaria de		Perez Ricardo Hidalgo	
Experimentaciones		Perogardo Augusto	
Dom equez Pedro Delgado	Badajoz	Pizarro Simón Candau	
Donado Marqués de	Madrid	Prada Ciriano Viquez de	
Estiguerra Luis R de	Salamanca	Ramos José Peña	
Encomendera Marqués de la	Badajoz	Ramos Vicente	
Fernández Clemente	Valladolid e	Rebuelta José Luis y Andrés	
Fernando, Duquesa de San	Madrid A	Reus Ricardo Torres	
Fidalgo Manuel	Ciudad Real	Ricard Francisco	
Fidalgo Count de	Segovia A	Rincón y Rincón Francisco	
Floralblanca, Countess de	Toledo	Robles, Calderón de	
Frugal de Bra	Madrid	Robles José Guillén Calderón de	
Ganaderos de Colmenar Vieo	Ciudad Real	Rodríguez Antonio Panes	
Garay Antonio	Herencia	Rodríguez, Carlos	
García L Varas	Madrid	Rodríguez, Vicente Alvarez	
García Gregorio Garzón	Cáceres ep	Romos Vicente	
García José Parejo	Badajoz	Ruiz Francisco	
García León	Jaén	Ruiz Fulgencio Vazias	
García Manuel	Colmenar Viejo	San Fernando, Duque de	
García Pablo	Madrid	San Miguel, Ricardo	
García, Marcelino	Akadeute de la Jara	Sánchez, Lisardo	
Gimeno, Carlos	Val de Santo Domingo	Sánchez, Matías	
Giménez Francisco	San Atredonda	Sánchez y Sánchez, Ignacio	
Gimeno, Enrique	La Carolina	Soriano y Vicoquis, Saturnino	
Gómez León	Jam		
Gómez, Leoncio	Castellón		
Granja, Enrique e Calderon	Valladolid		
de Rebles	Burgos		
	Madrid		
	Badajoz e		

PROMINENT BREEDERS (contd.)

(Sheep contd.)

S. ... y Florentino ...	Madrid de los Caños ...	Córdoba p	Val, Gonzalo ...	Sánchez, del Doreas ...	Condalia ara
Talavera, Antonio Peret ...	Madrid de los Caños ...	Salamanca	Val, Benjamín de ...	Baños ...	Badajoz
Talavera, Juan José ...	Madrid de los Caños ...	Madrid	Val, Benjamín de ...	Peña de la Rana ...	Badajoz
Talavera, Juan José ...	Madrid de los Caños ...	Madrid	Val, Benjamín de ...	Peña de la Rana ...	Badajoz
Talavera, Juan José ...	Madrid de los Caños ...	Madrid	Val, Benjamín de ...	Peña de la Rana ...	Badajoz
Talavera, Juan José ...	Madrid de los Caños ...	Madrid	Val, Benjamín de ...	Peña de la Rana ...	Badajoz
Talavera, Juan José ...	Madrid de los Caños ...	Madrid	Val, Benjamín de ...	Peña de la Rana ...	Badajoz
Talavera, Juan José ...	Madrid de los Caños ...	Madrid	Val, Benjamín de ...	Peña de la Rana ...	Badajoz
Talavera, Juan José ...	Madrid de los Caños ...	Madrid	Val, Benjamín de ...	Peña de la Rana ...	Badajoz
Talavera, Juan José ...	Madrid de los Caños ...	Madrid	Val, Benjamín de ...	Peña de la Rana ...	Badajoz

HORSES

Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...
Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...
Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...
Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...
Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...
Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...
Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...
Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...
Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...
Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...	Alonso, M. R. ...

Livestock Breeding in Sweden.

The Live Stock estimate for Sweden states - cattle 2,553,000, sheep 1,562,000, pigs 720,000, horses 718,000

The breeding of stock has always received encouragement from the Swedish Government. In the year 1844 Parliament granted money "for the encouragement and development of cattle breeding on the understanding that Pedigree breed animals were imported with a view of improving the existing native breeds." In the following year it was decided to establish Breed Centres for cattle at which the farmers could obtain the services of suitable sires and during the following two years a number of herds containing bulls as well as cows were imported from England and Germany. In the year 1881 the Government devoted considerable sums of money for the imports of cattle as well as sheep and since then encouragement has unceasingly been shown to the live stock breeding industry. The establishment of Breed Centres—"Avels Centra"—all over the country has assisted in drawing the breeders' attention to the value of Stud animals of acknowledged Pedigrees and performances, and the various now existing breeds greatly benefit from these Centres. Among these there are such for the Swedish Highland Cattle, for Ayrshire Cattle, for Black-White Lowland Cattle and for Shorthorns, and as regards sheep breeding several Breed Centres cover the requirements of breeders of Shropshire, Oxford Down and Cheviot sheep besides the native Swedish Landrace sheep. For the benefit of the pig breeding industry many Breed Centres exist, all of which with few exceptions are in support of the breeding of the Large White Yorkshire pig and the now greatly improved Swedish Landrace pig. Good draught horses are being bred in the country where, owing to climatic conditions a very strong and hardy Landrace horse has been developed. Much attention is paid to the breeding of the Swedish horse of the Ardenne type and through the considerable large number of Stud magnificent stallions of this breed are slowly improving the horse stock in the respective districts. As for Blood horses, the Association of Swedish Blood Horse Breeders year after year extends its activities. The influence of blood imported from England is now visible and the number of prominent stallions maintained for service at a nominal fee at various Centres has proved a step in the right direction. A number of Blood mares of exceptional Pedigree has been bred during the last few years. The Swedish Jockey Club publish a Stud Register arranged in accordance with the Bruce Lowe system.

As regards the Swedish cattle stock, the Association of breeders of the Red-White Cattle, an amalgamation of the Swedish Red Cattle breed and the Swedish Ayrshire cattle only a short time ago, is a very live Association of breeders who publish their own monthly Journal, and have actively proved that the Swedish Ayrshire cattle have now obtained a very high level of perfection.

Bull Associations' Depots are very popular all

over the country and are spread to the number of nearly 1,650, many of these being quite important in their activities, often spending considerable amounts of money on the acquisition of first rate breed animals.

Sheep breeding, curiously enough, is not developing as it ought to do in a country where the grazing is abundant. Government employed experts advise on questions relating to the breeding of the various live stock.

The Pig Breeding Associations, in number exceeding 800, enjoy particular encouragement from the Government and publish a National Herd Book in which the Large White Yorkshire and the Swedish Landrace pigs are entered.

Agricultural education is highly developed and, speaking generally, the Swedish live stock breeder understands his business.

Apart from Associations of breeders of Pedigree live stock a considerable number of Associations of live stock breeders for control of milk production and performances are actively contributing to promote the milk yield and to regulate the consumption of food in reference to production, with a view of eliminating wasteful animals, such which cannot adequately pay for their keep. These Associations have paved the way for better understanding of the value of recording progenitors' capacities in reference to the marketable value of the progeny. The number of these Associations is steadily increasing now considerably over 600. The development of milk control activities has led to the formation of Societies of dairymen, s.c. Mjolkbedömningsföreningar aiming, on the basis of the fat percentage of the milk, to group the milk delivery in the various districts.

The "General Agricultural Society" is a powerful body of farmers and breeders, originally formed for promoting the farmers' interests. Its activities are numerous—farm supervision regulated and up-to-date book-keeping, agricultural house construction etc. Then the number of Co-operative Agricultural Societies, locally of considerable standing have recently been amalgamated into one Central Federation—the Swedish Farmers' National Association (Svenska Lantmännens Riksförbund) whose address is Stockholm. For the purpose of assisting the Swedish dairymen and to promote their occupation a "Central Establishment for Agricultural Experiments" has been in being for some time and is reported doing a great deal of good.

The inherent good qualities of the Swedish Landrace horse, Red White cattle and Landrace pigs have earned for them a very good reputation in several neighbouring countries such as Finland, Norway, Latvia and Estonia and the export of prominent Stud animals is a not unimportant branch of Swedish agriculture. With a view of disseminating information concerning Swedish live stock a very

Association, " Svenska Avelsdjursexport-Föreningen " ('Export Association of Swedish Pedigree Breeders') is yearly extending its activities Russia will probably become an important customer when more settled conditions obtain

The following are the chief Associations of Pedigree breeders in Sweden

FOR CATTLE, SHEEP AND PIG BREEDING

- Avelsfören ngen for Svensk Röd och vit Boskap Stockholm (The Swed sh Red White Cattle Breeders Associat on)
- Avelsfören ngen for Svensk Låglandsboskap Alnarp Akarp (Association of Breeders of Swed sh Lowland Cattle)
- Avelsfören ngen for Röd, Kullig Svensk Landtras Vassbo Ornaas (Assoc ation of Breeders of the Swed sh Red Polled Cattle)

- Avelsfören ngen for Fjall Ras Hernösand (Associat on of Breeders of Highland Cattle)
- Svenska Fåravelsföreningen Stockholm (Swedish Sheep Breeders Association Incorporating four Societies of Breeders of English Breeds)
- Svenska Svinavels Föreningen Stockholm (Association of Swed sh Pig Breeders)

FOR HORSE BREEDING

- Avelsföreningen for Svenska Ardenner Hästen Nasta Orebro (Association of Breeders of the Swed sh Ardenne Horse)
- Ioren ngen B lgriska Hästen i Malmöhus Lan Ystad (Society for the Breed ng of the Belgian Horse)
- I örenningen Nordsvenska Hästen Östersund (Associat on of Breeders of the North Swedish Horse)
- I örenningen for den Adla Hästavelns Beframjande Norrköping (Society to promote the breed ng of Thoroughbred)
- Svensk Fullblods Avelsförening Stockholm (Swed sh Thoroughbred Breeders Association)

Prominent Breeders.

SWEDISH Ayrshire CATTLE

Äminne Egend n	Karda	Håbergs Egendom	Salsta
Amundssons Sterbhus A	Jordhammar	Höganörps Gård	Södertälje
Anderson Adolf	Sannagård	Igesunds Bruk	Hedvigsfors
Anderson Joh	Hörva	Igeström Åke	Varpoas
Anderson L	Leregård	Jeansson G	Berga
Asa Hiesgrd	Asa	Johansson Aug	Hytunga
Beck Frus Carl de Baron	Harg	Johansson Bröderna	Kalmar
Bellander P	Ekert	Johansson J	Övrabo
Bennet C de Baron	Häls ngborg	Jonsson Bröderna	Gulltorpsgård
Bennet Jacob de Baron	Wasatorp	Jonsson I	Herrstors Gård
Bennet W de Baron	Örtofta	Jonsson N Herman	Bustelund
Bengtson A	Ljusekulla	Jonsson Sven	Vedelsback
Bengtson Johan	Skarhult	Kalmar Trävaruaffär	Ljusefors
Berga Gard	Persatorp	Karlander Aug	Getunge
Berglund G	Vasterup nge	Karlström Hugo	Tjoulis
Bonde Ph de Count	Götarsvik	Klärstors Egendom	Skövde
Boxholms Aktiebolag	Bosjöklöster	Knnstads Egendom	Igelstorp
Brandalsunds Egendom	Boxholm	Kollswa Aktiebolag	Kolåva
Brostrand Bröderna	Södertälje	Kraft H	Hamra
Brunsborg A	Örtholmen	Kramfors Akt obolag	Kramfors
Brakentorp	Torsåva	Kronquist E	Trustorp
Burge Går	Ljunby	Kuylenstierna N de	St Källtorp
Carlander O	Martabo	Larsson Axel	Stora Fröslanda
Carlsson E	Blombäcka	Le jonnhult A de Baron	Lidhem
Carlsson W	Åhult	Lewenhaupt G E de Count	Geddeholm
Cruce L de	Farstorp	Lall ecrevtr Magnus de Baron	Fröset Norregård
Dahlgren A	Norsgrd	Liljenstolpe A de	Ogestad
Dans O Gård	Boudarve	Lundblad C	Kulla
Domnarfvets Landtbruk	Gåvetorp	Littorin K	Bjertorp
Fennell Th	Borlänge	Lundberg W	Emtöholm
Fhrenberg N G	Oxelbacka	Lundströms Sterbhus Herb	Torp
Ekelund Gunnar	Wedby	Löberöds Gård	Löberöd
Ekelund W	Hults Bruk	Lönnsstors Gård	Källstorp
Ekman Oscar	Hagelsrums Gård	Mackmyra Bruk	Mackmyra
Ericsson S A	Bjarka Saby	Magousson J P	Thå
Frksson Fdv	Näs	Marclands Gård	Nöbbe
Erfors G	Hollandet	Malm, M	Emtunga
Fsbjörnsson E	Bergsbrunnna Gård	Mueh B H de	Bunnström
Fagerlund A T	Esslingstorp	Munkedal Aktiebolag	Munkedal
Flard G	Syögårde	Mörner Axel de Count	Tyskland
Forsman Skyddshem	Göstad	Nilsson N L	Nöbbe
Fredrikson Carl	Göstad	Nordenf W Sof e Countess	Bjlekhem
Frodel C H	Frändefors	Norström F	Malby
Ge jer W von	Tromtorp	Nyhammars Bruk	Grangårde
G mo Österby Bruks A B	Hafrek ljen	Odensvholm Gård	Odensvholm
Grosshagens Gård	Wegholm	Olsson Efraltn	Söderstorp
Gross J	Gimo	Olsson Gottfrd	B nge
Guner K V	Norsholm	Palmgren A	Marclund
Gustafsson F	Akarp	Pettersson Anders	Dahl
Gustafsson E	Boke	Pettersson Carl M	Uglehult
Gustafsson H N	Kampen	Posse P A de Count	Hersgvara
Gustafsson J	R ngaby	Rammis Bruk	Rammis
Gussms Bruk	Öjult	Rappe A de Baroness	Christinelund I
Gussms R chard	Svartagården	Rappe A de Baron	Ryssbylund
Hagerberg K chard	Cusum	Rappe C J de Baron	Vretabotom
Halden Karl	Ållenäs	Rappe E de Baron	Störsrum
Hamd on Kaoul de Count	Åstansvaga	Robert Th	Drettinge
Hamra Gård	Örselholm	Rosensvård C de	Seateberg
Hassellors Bruk	Tumba	Ryfors Bruk	Long
Hedströms Sterbhus Chr	Hassellors	Ryngunsås Egend n	Mulby
Hellström Sven	Marclund	Samuelson, Algot	Hymingsås
Hemmingson M	Ållsträby	Samuelson E nar	Örby
Hermelin A de Baron	Vimmerby	Sanne G	Örbytorp
Hjertberg A	Ållsträby	Sederholm G	Morlands
Hjerten G von	Göteborg	Sewerit Sign M	Alberga
Hornstak Jernverk	Kilgär ltn	Stenkullens Egendoms	Alberga
Hulten A	Kilgär ltn		Alberga
Hylander Sven	Horsdal		Alberga
	Sundholm		Alberga
	Kopper		Alberga

PROMINENT BREEDERS (contd.)

AYRSHIRE CATTLE (contd.)

Stenström A. K.	Dala	Heberg	Virgin Th	Qvarnåkers	Bjarnum
Ströms Bruk	Härnäs		Wachtmeister H. de, Count	Västäråkra	Rosenholm
Surahammars Bruk	Surahammars		Wachtmeister N. de, Count	Tutad	Larsholm
Svenner J. R.	Björnsberg	Vessigebro	Wachtmeister S. de, Count	Näs Gard	Larsholm
Svensson Alf	Fladje	Sollevången	Weman C. G.	Åsarna	Granna
Svensson Axel	Torp	Ljungsåkra	Wickström F.	Åsarna	Sin Ålandsstenar
Söderlund F.	Anfasteröd		Wredes Sterbhus C. H. de	Bredåkra	
Ulfuna f. emend.	Ljungsåkra		Baron		

RED POLLED LANDRACE CATTLE

Adlersterna Adelsköld de G. F. S.	Öjared	Floda	Lindholm P.	Kyrkbyn	Gagnef
Alby Nya Klostfabrik	Månbo	Åvesta	Lundgren Hilda Mrs	St. edstorp	Ravanda
Åvesta Järnvärk	Åvesta		Lingberg E.	Rättvik	
Clematson J.	Östra Hoka	Trenum	McLansvenska Malmfalten	Hålsjöberg	Ludvika
Danielsson Alfred	Torsling		Munkells Pappersfabrik	Grycksbo	
Dickson E.	Noje	Gagnef	Nyhammars Bruk	Nyhammar	
Fagerf. Sien	Myrbjorden	Falun	Pettersson Ernst	Berga	Smeljebacken
Engerfors Bruk	Tosse		Stark Per	Nilen	Gagnef
Gruvslaget Dalarne	Idkerberget		Ståhle Hj.	Torsholm Bruk	Bjälbo
Henriksson Alfred	Torbo	Smeljebacken	Sälboda Blakstads A. B.	Värmlands Sälboda	
Hüllerström Hugo	Storgården	Åsperåda	Uddeholm's Bolag	Uddeholm	
Karlsson Otto	Vestermarken	Hagge	Wassbo Landbruks Skola	Örnas	
Kopparslags Bergslags A. B.	Börslinge		Wikman Alfred	Liljesund	Falun
Lind Oluf	Österfors	Gagnef			

SWEDISH FRIESIAN CATTLE

Abelsson Jakob	Kungälv Norrby	Klockrike	Henriksson Hans	Nasanas	Cislöv
Åkerman V.	Åmnehol	Åmnehol	Håkantorps Lgendom		Håkantorps
Åkesson Bror	N. Hovb	Krutnollan	Höganäs A. B.	Ekdale	Nyväg
Åkesson Lars	Hannas	Hammehög	Jakobsson Erik	Unnerstad	Gammalkil
Alnarps Lgendom	Alnarps	Åkarp	Jeppson Aug	Hamultenhill	Farlov
Ålmannas Svenska Utsades A. B.		Svalöv	Jeppson Emil	Laxmans Åkarp	Felje
Antarkrona F. K. de		Boserup	Jeppson Karl	Dornberg	Tekkomatorp
Andersson A.	Fallsberg	Skenningar	Johansson C. V. V.	Vemmenstorp	Hälsjö
Andersson Anders	Åkersfelt	Kyrkby linge	Johansson J. Edv	Nyckelby	Fogelsta
Andersson Anna	Kroppåkra	M. Ljungb.	Johansson Rob	Runesten	Crimeton
Andersson Anton		Önslunda	Johansson Carl M.		Agård
Andersson Berndt		Gästol	Johansson Fredr	Ångagård n	Vand
Andersson Emil	Lynåkra	Harplinge	Johnson L.		Stångby
Andersson Götfred	Nöbbelev	Lund	Jönsson Alf		Stora Bjurum
Andersson Hjalmar	Vranar	Garnas	Jönsson Alfred	Haverdal	Harplene
Andersson John	Källgård	Bränninge	Jönsson David	Skönberga	Norrlösa
Andersson N.	Ångvången	Åkersfält	Jönsson Fritz	Stenestorp	Kattarp
Andersson Olof	Klamby best	Väljölo	Jönsson G. Anton	Hedenborg	S. Nilinge
Andersson Per	Sin bingsborg	S. Ålv	Jönsson Harry	Caml gård n	S. Nilinge
Andersson Sven		Fjel e	Jönsson Nils	Dalen	Skurup
Andersson Aug	Toarp	Klagestorp	Jönsson N. Joh	Lundsgård	Kattarp
Andersson Ernst	Blasöge	Ö. Ljungb.	Jönsson Ier Ivar	Laxn anskarp	Fjel e
Barnekow A. Baron	Haverdal	Harplinge	Karlson Ragnar	Mast lun i	Havslarp
Bengtsson Olof	Årslöv	Unslöv	Kennedy G. de	Råbols	Wallåkra
Bennet H. A. de Baron	Stambom	Ankerslöv	Kinch Aug	Belt berga	Wallåkra
Blom J.	Rosendals Gård	Mörarp	Kockum Jan		Jordberga
Bollerups Landbruks inst	Nasby	Linköping	Krustenstom Henrik		Fladje
Bondesson Lennart	Ballarp	Svalöv	Krustenstom Nils		Malmslart
Bondesson Sture	Tarstadgården	Svalöv	Lagerfeldt I. de Baron	La. erlunda	Lof köpunge
Borgman C. V.	Kungörs k. ingeladugård	Kungörs	Larson Alfred	Lurungsta i	Ni nstad
Brödd Algot	Bröddahall	Jordholm en	Larson I. B.	Stensnäs	Wallåkra
Carlson Per	Varnum	Årmanas	Larsson Olof	Margrebetors	Harplinge
Cederström A. de Baron	Riksteden	Tullinge	Larrell Karl	Åsta	Karlstaad
Christenson N. G.	Gårdstänga	Gårdstänga Nygård	L. Heebök B. de	Lundhult	Lundgård
Christenson Sven		Lof köpunge	Lindén Herman	Rydeholm	Anderslöv
Colin Herman	Hospitals gård	Lund	Littorin Samuel	Linn brads	Fjard ngstol
Curtman Carl G.	Antuna	Rotebro	Lundgren K. A.	Christ nelan i	Sken nge
Darden H.	Karlsholm	Örebro	Lundström J.	Alie	Ågrenberg
Darden H.	Trollberg	Sin thol en	Ni Isen Carl	Tarno	Åsbyholm
Dyrendahl A.	S. Gersta Gård	St. Bjurum	Nielsen Johan	Brumshög	Lund i
Ekberg L.	Dagstas	Tvååker	Nielsen H.	Grevl Nygård	Hutaby
Elsson And	Fazared	Tvååker	Nielsen Karl	Christ nelan i	Åsperåda
Ellison Sven	Hagared	Ångvången	Nielsen And	Sallshörs best	Tornel lla
Engström J.	Sköpinge	Ångvången	Nielsen Göth	Tunad	Fjard ngstol
Engström Edv	L. A. Tjaby	Ångvången	Nasbyholm's Gods	Åsbyholm	Ångvången
Engström N.		Fjel e	Nielsen A.	G. best	Ångvången
Engström Johan		Spyttstorp	Nielsen A.	Rårol	Klagarp
Engström J. Hmfred	Mönke	Sastorp	Nielsen A.	Hilleberga	Vinslöv
Fogelberg Bo	Gustafsfelt	Kvid nge	Nielsen And	Hilleberga	Klockrike
Gustafsson L. G.	Ingelstads Nygård	Smelstorp	Nielsen Bengt	Hilleberga	Kyrkby linge
Gustafsson L. G.		Hanavik	Nielsen Edv	Hilleberga	Södervalinge
Gustafsson F.	Domö	Järpås	Nielsen Lof	Lavesåkra	Smelinge
Gustafsson F.	Östermarks gård	Tornel lla	Nielsen Hans	Stjerneholm	Nasbyholm
Halland Hans	Gannarp Gård	Heberg	Nielsen Hjalmar	Hagard	Hallstad
Halland Sven N.			Nielsen Joh	Hakingsgård	Smelinge
Halland J. Th	Cent stp	Linköping	Nielsen M.	Nobbeby	Lilja
Halland J. Th		Blomberg	Nielsen N.	Drupadals gård	Drupadals
Hallmar Per		Hjälpan	Nielsen N. J.	Ramsjö	Ramsjöstrand
Hallmar Alf		Kilpan	Nielsen Olof	Farap	Kruststad
Hallmar Axel	Appuna Norrgård	Appuna	Nielsen Olof	Härnunge gård	Smelinge
Hansson Christen	Fladje	Fladje	Nielsen Per L.	Hälsjö best	Hälsjö
Hansson Gerund	Alfhem	S. Ålv	Nielsen Sven	N. Ålv	Smel
Hansson J. F.	Hagård	M. Ålv	Nielsen Olof	N. Ålv	N. Ålv
Hansson J. F.		Klagestorp	Nielsen Olof	N. Ålv	N. Ålv
Hedmark H. G.	Nasby	Nasby	Nielsen Olof	N. Ålv	N. Ålv

PROMINENT BREEDERS (contd.)

ARDENNE HORSES (contd.)

Greve Hingstförening	Greve	Maré O G de	Granbo	hustad
Gräsmåstorp Hingstförening	Klippan	Marehollins Hingstförening	Resjö	Mareholm
Gräslåsta Hingstförening	Sala	Mattson C J	Sylla	Akerby
Gullaröken Hingstförening	Lide Hjo	Mörups Hingstförening	Mörup	
Gunnemson N J	Villa Gottlieb	Munkedal Bolag	Munkedal	
Gunnarsson Sven	Gustavstorp	Månsson C F	Kärby	Österstad
Gunnarsson K F	Boborg	Månsson Trube	Skogsåsa	Lövestad
Gustafsson S gurd	Sjögården	Mörner, Claes de, Count	Sya	
Göckholms Gård	Stora Mellösa	Nilsson Adolf	Byströmström	Slöinge
Hallands Hästavlöförening	Hälsnäs	Nilsson Axel	Brunst	Hällbybrunn
Hälsnäs Hingstförening	Gerstorp	Nilsson Gabriel	Luggavi	Kraklinge
Hälsnäs Gilbert de Count	Blomberg	Nilsson George	Vargagård Hjortorp	
Hälsnäs Bruk	Hälsnäs	Nilsson G A	Stora Almås	Grunnebo
Hälsnäs Bruk	Hälsnäs	Nyberg Herman	Brattfors	Gråstorp
Heden bergs Gård	Hedensberg	Norberg N A	Anestad	Frammestad
Hegardt H	Torsåtra	Nilsson Nils J	Solnäs	Vastra Klagstorp
Hempel n Gösta de Baron	Ulvåsa	Nilsson, Sigfrid	Holka	Heberg
Hempeln Josef de Baron	Grönberg	Nordlander J O	Nya Åsle	Åslett
Hjelmstedt J H	St Nyäker	Nydhall, Wallentin	Hassla	Skänninge
Hjälstaholms Hingstförening	Hjälstaby	Olsson C A	Storgården	Vara
Hoffman Emil	Hov	Olsson Carl	Lera	hustad
Hoffman G V	Broddetorp	Olsson S	Tveten	Floby
Holsten G stav von	Kilgården	Palmsäterna M de Baron	Skogas	Vingåker
Holms Hingstförening	Källtorp	Persson Oskar	Fogdegård	Harplinge
Hultgren Carl	Horn	Persson Thure	Stora Noltorp	Ingelstorp
Hultgren Sten de Baron	Vingåker	Petersens A H af	Erstavik	Saltjö Duvnas
Holbo Hingstförening	Casimirsborg	Pettersen Otto	Distorp	Norköping
Istorp Hingstförening	Tuna	Phlipson Jac	Marieborg	Karpe
Isot E	Sundholm	Posse Sigurd de Countess	Bergkvara	Gantofta
Jacobson V B	Åda	Pålsson Albert	Dalby Krungsgård	Dalby
Jacobson J	Valkirra	Pålsson Nils P	Göstar	Venge
Jansson Bröderna	Kumla	Qvint Anders	Benestadsgård	Tomelilla
Jansson Job	Vägenstorp	Södra Möre Hingstförening	Ljungbyholm	
Jeppsson Em I	Hov	Kannel, Valte de Baron	Viderup	
Jeppsson O A	Laxmans Åkarp	Rannas Bruk	Kannas	
Jeppsson P	Kullad	Rappe Ad de Baron	Kryslbylund	Rockneby
Johannsson Gård	Ålmedal	Ribbing Erling de	Nynas Sköllersta	Åvismareby
Johannsson A G	Johannsborg	Ringsjö Hingstförening	Ljby	Hörby
Johannsson Axel	Skattegrus	Robson C H af	Norby Gård	Valsberga
Johannsson Burger	Storgården	Ryöberg J H	Mörby	Rimbo
Johannsson Bröderna	Bannagård	Råback	Swärta Gård	
Johannsson Carl	Lövholm	Röå Hingstförening	Nas Gård	Swärtagård
Johannsson C O	Torps Gård	Salomonsson Bröderna	Backa	hanna
Johannsson C O	Hällsta	Selin David	Ljby Gård	Pålsboda
Johannsson Finar	Härsta	Seth F H von	Hästa Gård	Hörby
Johannsson Götfrid	Stensmune	Skabergs Hingstförening	Skaberg	Colunda
Johannsson Gustav A	Övergård	Skoklosters Gård	Skokloster	Kvarnby
Johannsson Gustaf	Tomten	Skultuna Landbruk	Skultuna	
Johannsson August	Edun	Sofielunds Säteri	Bjornlunda	
Karlsson C A	Getinge	Sparreholms Gård	Sparreholm	Lundsbrunn
Karlsson G B	Tollback	Stadig Bröderna	Fralsgård	Odensholm
Karlstads Hingstförening	Tollback	Stenon Gunnar	Norring	Vinslunda
Karlton R	Maglund	Stenon Gunnar	Röls Gård	Dunker
Karsten Ier	Borg	Stenon Gunnar	Strumberg	
Karlsson August	Åkerby	Stenon Gunnar	Uthby	Stora M llyby
Klagstörps Gård	Skövde	Stenon Gunnar	Valby Stom	Savjö
Kedberg Albert	Stallberg	Stenon Gunnar	Norring	Tråvad
Kjellberg August	Beitberg	Stenon Gunnar	Gubbegården	Hova
Kjellander David	Mellomgården	Stenon Gunnar	Sävsstaholm	Vingåker
Kjellander Gustav	Kårto	Stenon Gunnar	Skvartagård	
Kjellgren Joh	Berg	Stenon Gunnar	Landstona	
Kjellstedt David	Fredal	Stenon Gunnar	Skvartorp	
Kobbsva Bruk	Kolsva	Stenon Gunnar	Gnesta	
Kraeholms Gård	Kraeholm	Stenon Gunnar	Fänös	Grilby
Krönstenson Olof	Önnarps Gård	Stenon Gunnar	Ston men	Kinna
Krönk Nils	Karlsberg	Stenon Gunnar	Värsta	Åby
Kruus L N	Tranö	Stenon Gunnar	Fjärås	Uddavalla
Kruvenhovs Gård	Åby	Stenon Gunnar	Tobo	
Kuylenstjerna Carl de	Sperlingholm	Stenon Gunnar	Tofna Mariagens Häst Åv Fö	Lund
Kuylenstjerna Nils de	Stora Källtorp	Stenon Gunnar	Troell Ph	Nybo
Kyrbülls Hingstförening	Alunda	Stenon Gunnar	Treschow August de	Björnas
Kälman Håkan	Fredö	Stenon Gunnar	Tyrl F O	Vålhammar
Könige Hingstförening	Könige	Stenon Gunnar	Tyrlinge	Tyrlinge
Lagrefelt Alarik de Baron	Tolstora	Stenon Gunnar	Södra Lund	Maspelösa
Laf rict Hracl de Baron	Lagerlunda	Stenon Gunnar	Lassagård	Ottun
Larsson Sture	Hälsnäs	Stenon Gunnar	Uppåla	
Larsson A	Skeberg Torso	Stenon Gunnar	Hammar	Tungelsta
Larsson Gustav	Hells	Stenon Gunnar	Ingla	Ålandsdal
Larsson J A	Hälsnäs	Stenon Gunnar	Tromt	Karlstona
Larsson Ota	Bröndby	Stenon Gunnar	Tsted	Larslund
Ljunglöf Robert	Säls Edeby	Stenon Gunnar	Uggelsta	Akerby
Ljungström C R	Hälsnäs	Stenon Gunnar	Brannfält	Lskultuna
Ljunne just Albert	Leaby	Stenon Gunnar	Häck	Västera
Ljunne Hingstförening	Marvinsholm	Stenon Gunnar	Hälsnäs	Mälar-Åspö
Levenhult Knut de Count	Västergård	Stenon Gunnar	Rännum	Vargön
Lindell Karl	Källtorp	Stenon Gunnar	Nas	Vimmerby
Lindhe Erik V	Råtorp	Stenon Gunnar	Viby	
Lindhe H	Hälsnäs	Stenon Gunnar		
Lund N A	Hälsnäs	Stenon Gunnar		
Magnusson A & H	Sälsnäs Säteri	Stenon Gunnar		
Magnusson Jernberg	Västergård	Stenon Gunnar		
Magnusson J. de Baron	Årnsberg	Stenon Gunnar		
	Gernholm	Stenon Gunnar		

Livestock Breeding in Switzerland.

According to the latest Live Stock Census, the cattle stock is estimated at about 1,600,000 head, the pig stock at 640,000, sheep at 250,000 and horses at 135,000.

Switzerland is in many respects a remarkable country. Although of a very small area—16,000 square miles—of which lakes and unproductive mountains cover a considerable portion, enclosed by other countries, without an outlet to the sea, without coal deposits, she has been able to develop her manufacturing industries which to-day are brought to a very high degree of perfection, her live stock industry and other agricultural pursuits, so that she not only ranks among the most highly industrialised States in the world, but as one among the best developed dairy and stock breeding countries.

Switzerland is divided into 25 Cantons in which the total population is over 3½ million. Physiographically the country is divided into three zones—the Jura mountains, the Alpine lands in the centre, and the Swiss plateau lands at an elevation of from 1,000 to 3,000 ft., extending from Lake Geneva to Lake Constanza. Mountains comprise almost half of the country, with ever-intermingling valleys, and the river and lake system is, with the exception of Sweden and Norway, almost unique. Of the total area, 71% are productive, and more than one third of the 71% consist of pastures and meadows. Thus it is explained why the chief agricultural industry in Switzerland is converting the continuously large quantities of the milk produced into dairy products, such as butter, cheese, condensed milk and milk-chocolate. In the southern parts of the country, bordering on Italy, olives and figs grow abundantly. The main source of income is, then, the live stock industry which derives its mainstay from the splendid pastures, excellent everywhere, but probably best in the district where the Simmental, the Brown-coloured and the Fribourg Black-White cattle are bred.

The railway system is well developed, but the everywhere extending road system is simply a marvel of well-thought-out planning and construction. In reality Switzerland consists of a federation of many diminutive Republics, each under its own Government and laws. The history of Switzerland is a thrilling romance; and when her people, after having been subjected to encroachments and hardships on the part of dominating neighbours, at last threw off the yoke, this emancipation could only be effected through self-restraint, courage and ardent love of country, and since then the Swiss have continuously developed their native resources and brought their country to a very high degree of prosperity.

Cattle breeding in Switzerland is nowadays a highly organised industry. Most of the breeders are small peasant Free-holders. With a view of discarding indiscriminate breeding and bringing the three prom-

inent cattle breeds to a high degree of perfection, a movement was started towards the end of last century aiming at organising the breeders in their various districts into Syndicates; and these, when formed, were federated into great Associations. In this manner better breeding methods could be adopted, even be made compulsory; prevention from selling unsuitable breed animals for export effected; and, last, not least, the exportation of Swiss Stud animals to various countries where the climatic and physiographical conditions correspond to Switzerland's could be promoted and by degrees developed by means of effective co-operation. The measure of success that has been achieved is most remarkable, and Switzerland's export figures, as here mentioned, testify that the adopted system is right. The Swiss cattle breeders Associations are now grouped in seven Unions and these comprise over 1,000 separate and independent local Societies of breeders, with a total membership of nearly 102,000 who, between them, possess a very considerable number of cattle. These Unions organise and control the breeding of the Swiss "Spotted Cattle"; the "Simmental Alpine Spotted Cattle"; the "Swiss Spotted Cattle in East Switzerland"; the "Swiss Black Spotted Cattle"; the "Swiss Brown Cattle"; the "Swiss Brown Cattle in East Switzerland," and the "Eringer Cattle." According to official statistics, these Swiss Pedigree Cattle Breeders' Associations during the period 1st June, 1926 to 31st May, 1927, exported

BULLS		DAIRY CATTLE		HEIFERS	
To Italy	1914	To Italy	1914	To Spain	1927
Germany	284	Spain	909	Italy	121
France	90	Germany	88	Germany	62
Spain	55	France	36	France	50
Hungary	41	Hungary	24	Bulgaria	41
Austria	42	Austria	9	Hungary	23
Czecho Slovakia	11	Mexico	8	Brazil	22
Brazil	21	Czecho Slovakia	6	Austria	17
Jeru	17			Czecho Slovakia	5
Bulgaria	15			Chile	1
Mexico	10				
Argentina	2				
Chile	1				

YOUNG BULLS		BULL CALVES		HEIFER CALVES	
To Italy	1914	To France	1914	To Spain	1927
Germany	5	Italy	129	Italy	341
France	2	Germany	62	Germany	30
		Austria	11	France	24
		Spain	1	Hungary	1
		Mexico	1	Austria	1

Pig breeding in Switzerland is another illustration of how an industry can be created out of material originating in other countries. There is no indigenous pig breed in Switzerland, and so the country had to create a national breed through obtaining the breed material from abroad. The various pig breeds in England and Germany were studied, examined and considered with the result that for Swiss conditions Large White Yorkshire pig and the German Im Landrace pig were found to meet the requirements. These two types are now bred pure in

The Swiss Cattle Breeders' Associations' Central Administration

Address MURI BERNE SWITZERLAND (Commission des Fédérations Suisses des Syndicats d'Élevage)

Las razas de ganado
suizas Simmental
Suiza morena
Friburguesa blanca
negra convienen
admirablemente para
la América del Sur
Estas variedades son
rústicas prolíficas y
notables por su
producción de leche
con alto porcentaje
de grasa



Brown Swiss
MAI"
No 5297 G 104
1 576 Gallons Milk
3 30% Fat

SUPPLIES LIVESTOCK BULLS DAIRY COWS & HEIFERS IN CALF OF THE THREE SWITZERLAND NATIONAL DAIRY CATTLE BREEDS

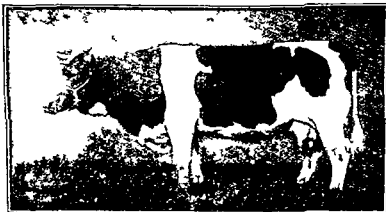
Les races suisses
Simmental
Suise brune
Fribourgeoise
pe noire sont
d'excellentes
laitières
et beurrières



Simmental
ROSALIE
MM No 11819
Frib
1 955 Gallons Milk
3 96% Fat

AVERAGE MILK PRODUCTION OFFICIALLY TEST CONTROLLED 900—1 000 GALLONS OF 4%
FAT DURING LAST 4 YEARS

Individual
Milk
Records
show
2 000
Gallons



Fribourg
Black and white
Chouette
No 748 G N IV
1 092 Gallons
Milk 3 60% Fat

Mountain pastures and grazing at high altitudes promotes hardy constitution and regular breeding

Swiss Dairy Cattle—Simmental, Brown Swiss, Fribourg

and breeders of pigs are likewise associated as Breeders' Syndicates, and these, of which the number is steadily increasing, are now co-operating under the form of a "Central Association of Swiss Pig Breeding Societies," the headquarters of which is at Grafenschneuren, near Burgdorf. During the above mentioned period, Switzerland exported to Germany 542 and to Austria, France and Italy 22 Stud animals.

Sheep have been bred in Switzerland since time immemorial, but owing to various circumstances, the

indigenous breed never attained any importance. Not long ago it was, therefore, decided to create a Swiss sheep breed, suitable for the country's requirements, and the Oxford Down type was found to be the most desirable. This breed seems to have developed quite well under conditions very different to its original home, and Switzerland is already exporting stud animals. Swiss sheep breeders are co-operating through a large organisation under the name of "Union of Swiss Sheep Breeders' Societies" at Grafenschneuren.

The Swiss Simmental Cattle.

By THE COMMITTEE OF SWISS HERD BOOKS at Muri-Berne d'Elevage Commission des Fédérations Suisses des Syndicats

The Swiss Simmental cattle derive their name from the Simmen Valley in the Bernese Alps, their original home and from there they have spread over a large part of Switzerland. No other cattle are bred in the Cantons of Berne, Soleure, Bâle, Schaffhouse, Vaud, Neuchâtel and Geneva while the "Swiss Brown" cattle are also bred to a certain extent in the Cantons of Lucerne, Zurich, Argovie, Thurgovie and Valais. In the Canton Fribourg, the Simmental cattle are found in larger numbers than the black-spotted indigenous breed.

The Simmen Valley (Tal) with its excellent pastures, has always been reputed for its cattle breeding. It has constantly supplied other Cantons and countries with excellent breeding material, known the world over under the name of Simmental cattle.

These cattle, the heaviest existing mountain breed, thrive best on rich mountain pastures, but can easily be adapted to the plains and even to permanent stabling.

They are white with red or yellow spots. Straw-coloured or golden-yellow coloured animals are preferred. Entirely yellow or red, with a white head, are to be seen, but only rarely. The head is generally white, except in certain strains which have coloured spots around the eyes and on the cheeks. Richly coloured cattle, especially with well defined spots, are preferred to paler coloured, and ugly-spotted cattle are considered defective.

No other "Dual Purpose" cattle—milk and beef besides suitable for work—show such thriftiness and early maturity, qualities that signify good feeders. No other cattle combine in such high degree beauty of body form with high milk and beef propensities.

Full-grown bulls of the Simmental breed exhibited at the National Agricultural Exhibition at Berne in 1925 averaged 5 ft 3½ in. at the withers and 21½ inches depth of chest, while "dry" cows averaged 5 ft 4 in. at the withers and 20½ inches over the chest. The live weight of fully developed breeding bulls at 4 years and over varied between 2,140—2,855 lbs. with an average of 2,520 lbs. The average weight of the exhibited cows reached 1,663 lbs., and for the "dries," 1,839 lbs. Obviously, such heavy cattle are large-sized. Thus their

size varies according to the local soil and feeding conditions, and the greater the productivity of the soil and the possibility for growing clover, the heavier the animals. But in spite of their heavy weight, the Simmental cattle are certainly not coarse, on the contrary they combine rather light bone constitution with elegant forms so that their general type is a breed of pleasing appearance. Bred for dual utility purposes, the Simmental cattle are easily fattened and produce a large percentage of meat of excellent quality. Owing to their adaptability, they can easily be developed towards either milk or beef production.

Since the war the milking capacity of the Simmental cattle has been much developed owing to cow testing being generally adopted by Breeders' Syndicates. Here are some figures illustrating the present high level, taken at random.

PARTICULARS	1923	1924	1925	1926
Number of cows tested	256	478	689	913
Average live weight lbs.	1,480	1,496	1,523	1,520
Lactation period days	314	337	342	342
Length of dry period days	58	53	54	57
Length of period between two successive calvings days	372	390	396	399
Yield during lactation period Gallons	946	1,028	1,018	1,047
Yield during lactation period per day Gallons	3.01	3.05	3.00	3.07
Total butterfat lbs.	388	427	421	432
Milk Yield in 365 days Galls	926	965	941	959
Yield per 100 lbs of live weight Galls	138	143	136	139
Butterfat lbs.	381	400	389	392
Milk Yield per day during period between two successive calvings Gallons	2.54	2.64	2.58	2.62
Average butterfat percentage	3.97	4.01	4.00	3.99

Simmental cows abundantly demonstrated their milking capacity during a contest recently held at the Agricultural Exhibition at Berne when 15 cows were under control. The daily yields ranged from 4.53—6.59 gallons. Maximum butterfat percentage reached 4.52%.

Under the able direction of experienced breed and others interested in the Canton Berne and Cantons, the Simmentalers have been spread

large areas and are now a highly developed first rate breed and trading in this class of livestock is annually increasing

Thanks to highly satisfactory performances robust constitution and general all round adaptability Simmental cattle have found their way into countless European and overseas countries where they are used both for pure breeding and crossing with indigenous breeds few other breeds giving such good results in this respect as the Simmentalers

The principal foreign markets for these cattle are southern Germany and Austria Hungary Poland the Balkan countries and Russia while France Italy and Spain import considerable numbers of head Among overseas countries to which Simmental cattle are exported may be mentioned the Americas particularly Brazil Argentine Uruguay Peru and Chile British South Africa the Netherlands Indies and Japan have lately placed orders for bulls and cows

The improvement of the breed rests chiefly with the various Breeders Syndicates of which some 650 are spread all over Switzerland These Syndicates have recently united in forming 3 large Federations of which

one alone counts 560 Sub-syndicates—the Federation of Swiss Breeders Syndicates of Spotted Cattle with headquarters at Muri near Berne This Federation exhibits every year in August or in September a wide range of breeding bulls at the age of from 7 months to 3 years The Federation of Alpine Simmental Cattle Breeders with headquarters at Bolingen and the

Federation of Syndicates of Breeders of Spotted Cattle in eastern Switzerland with headquarters at Homburg (Thurgovie) likewise arrange every year towards the end of August much visited Shows at Thoune and at Winterthur where many hundreds of head are exhibited and quickly sold

These Breeders Syndicates maintain complete and up to-date records of all the Herds under their control Financially assisted by the Committee of Swiss Breeders Federations large sums of money are devoted to the promotion of Pedigree cattle breeding

In 1920 offices were established at Berne for registration in the Simmental Cattle Pedigree Herd book which was published in two Volumes in 1921 under the supervision of the General Committee of Swiss Herd books

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Agricultural and Livestock Experimental Work in Switzerland.

By DR A. SCHMID General Administrator Swiss Agricultural Stations, Liebfeld Berne

Scientific as well as practical Breeders agree that experimental and Research work in animal breeding lags more than ever behind Research work in plant breeding due as Dr F. A. E. Crew points out to economic conditions and the present state of those sciences—physiology and biology—on which animal experiments rest Of course this is also due to complicated hereditary factors and the environment of the subject on which experiments are carried on Moreover Genetic experiments require much time and proper installations besides comparatively speaking wide knowledge and ability

The backwardness in real Research work in animal breeding has been more apparent lately as the science of judging livestock progresses the use of Pedigree and of certificates of performance being generalised by practical Breeders Organizations with financial help of the Government of almost every breeding country

These branches of Livestock breeding activity have been established almost exclusively on *empirical* principles and they remain stationary in many places while elsewhere the choice of right methods to be adopted in order to further the internal development of the often wretched methods of breeding proves increasingly difficult

These matters are complicated through numerous

other factors in relation to appropriate feeding and care of pure bred livestock Such measures among which the practical breeder feels almost lost when he has to rely on his own experience materially affect the economic results of breeding

Owing to these circumstances the Swiss breeders as is the case in many other countries slowly but systematically arrived at the conclusion that practical livestock breeding at least in countries where pure breeding of stock is the rule has now reached a point where it cannot go further ahead without injury to itself unless it can be based on qualified accurate and scientific facts This is the more true in the case of the European breeder as the North American breeder now knows how to apply scientific knowledge to his practical activities often greatly to his personal advantage

Those who are conversant with the natural and economic conditions under which the Swiss breeder works will easily understand that experimenting in livestock breeding has been more restrained in this small country where the financial means at our disposal for such technical activities are very limited We also lack such special establishments for experimenting in animal breeding which are to be found in the United States in England and some other countries However during recent years quite a number of series of experiments in livestock husbandry and breeding have been

made the results of which have provided our breeders with many new view points in various directions. These experiments were especially made at the Veterinary Faculties of the Universities at Berne and Zurich, at certain agricultural colleges at the Institute for Livestock Nutrition attached to the Polytechnical High School at Zurich and at the Federal Experimental Stations at Liebfeld Berne under the direction of the writer and with the collaboration of the Federal Station for Agricultural Chemistry and the Station for Dairy and Bacteriology.

The experiments carried out at the Federal Establishments at Liebfeld where fundamental research work is only a side line as time and means are chiefly devoted to the study of actual and practical problems have been especially done in relation to stock feeding, breeding, and care of the livestock.

As regards feeding the here mentioned Federal Establishments work in co-operation as far as is practical with a view towards saving of cost and energy. The Institute for Animal Nutrition at Zurich undertakes the basic experiments in reference to digestion while the Station for Agricultural Chemistry at Liebfeld-Berne is occupied with basic analyses of fertilizers and foods. The Station for Dairy and Bacteriology specialises in the qualitative analysis of milk and milk products. Finally, the Central Administration of the Agricultural Experimental Stations undertakes technical matters concerning feeding experiments and conducts tests of groups periods and individual experiments besides working out results from the practical and economical point of view. To carry out these practical tests in cases where they cannot be undertaken at the privately (or publicly) owned farms under its direction the Central Administration disposes at Liebfeld of a small experimental farm of the size of an average Swiss homestead run as a practical model farm to show the farmers how to work scientifically even with limited means and under very small conditions.

The following Table gives an idea of some of the special tests and experiments carried out among a considerable number of others of a more general character.

The Conservation of green food vegetable refuse and silaging grain by the use of the usual American or the new electrical methods with and without addition of chemical preservatives.

Use of fish meal as food for live stock and of other foods rich in protein for pig fattening.

Feeding calves on milk and on additional so called supplementary foods.

The physiological influence from commercial mixtures of mineral salts on the development of the body and the bones of young animals.

The influence of iodine-containing fertilizers upon the iodine contents of the foods and of the milk and on the sexual activity of the cows.

The economic importance of feeding dairy cattle with citrous fruits and husks fresh and preserved.

Practical research work concerning the food requirements of dairy cattle for the production of milk, and deficient feeding or lack of mineral elements in the food.

Feeding of horses and dairy cattle with straw disintegrated through treatment with caustic soda.

The importance of fermentated offals such as bran etc., to pigs and dairy cattle.

The influence of modern methods of hay making on the fermentation process in the hay stack, on the loss of nutritious elements, on nutrition and the quality of the marketable products accruing from livestock husbandry.

Series of experiments have also been made at Liebfeld to determine as far as possible the influence on the yields from special measures in animal husbandry such as frequent changes of feeding places the method and number of milkings per day, by hand or mechanical the sudden changes of food the temporary use of a milk cow for draught purposes, etc.

The construction of the dairy cattle stable at Liebfeld and its adaptation to individual feeding clean milking and up to-date production and conservation of manure has enabled us for the sake of general practice to undertake experiments and study results of observations previously gathered during a length of many years.

Long drawn out experiments with goats and with tests on rats are still going on experiments which ought to prove the influence of progressive and hygienic in comparison with old fashioned stable keeping on the yield and the quality of the milk.

As regards Livestock breeding it may be stated that nowadays the leaders of practical breeders organizations anxious to acquaint themselves with matters concerning conformation and ancestry require in points of scientific breeding first of all exact methods to enable them to determine how to breed true to type while preserving individual characteristics in the breed subject. They also need more exact information regarding the transmission of the chief elements favourable or detrimental as economic factors as well as better knowledge of the limits of variability. An indisputable solution of these and other biological basic problems can only be obtained through basic experiments undertaken at special research institutes such as those which were first created in America and later on in several European countries. Lacking such special establishments in Switzerland we have endeavoured during the last few years at Liebfeld to undertake some preliminary work towards solving interesting breeding problems. Among these experiments the following perhaps deserve to be mentioned.

Experiments stretching over several years with a large number of animals for the purpose of determining the physical development of Simmental cows with a view of studying individual animals' characteristics based on periodical mensurations.

Conclusions drawn from experience accruing from tests carried on during a number of years in ref.

to recording of the milk yield obtained from a small herd of ten Simmentaler cows are now tabled and systematised for the benefit of the practical breeder, such conclusions having chiefly a bearing on matters of health, conformation, Progenitors, and the inherited ability of reproduction in breeding.

Other experiments lasting several years have been made with 38 Simmentaler cows to ascertain the

periodical lactation of the breed The number of
such lactation periods reached 100

Recently, periodical control tests have been made with a view to determine the composition of blood, pigment, thickness of skin, temperature of skin and body, and the milk yield of Simmentaler cows, likewise, to examine the correlation of these factors with matters of constitution and environment.

Prominent Breeders.

BROWN SWISS CATTLE

Alber, Al	Grund	Schwyz Un	Gutverwaltung Hannerer	Cham	Zu
Achernmann Joh Jos	Walden	Entlebuch Berne	Gutverwaltung Munsteringen	Landquart	Aar au
Aernbach Joh Bapt	Laubbach	Waldkirch St. Gallen	Gutverwaltung Plantahof	Ottenshausen	St. Gallen
Albert Scherer J	Schuppen	Speicher Appenzell	Cuver Rud.	Schwend	Sogersbach Zurich h
Amacher Gebrüder	Bettswil	Baretswil, Zurich	Halbhaer Fan	Schweizerhof	Hinwil Zurich h
Amrein Gebrüder	Ruschen	Guzwil, Berne	Hauser Oscar	Feld	Lucerne
Anhalt Emmen	Rothen	Lüttau Berne	Hodinger Theod.	Finsterscheiden	Bottenen 7 rch
Ans t Fluhards	Küssnacht	Zürich	Hennann Ern	Thausberg	Illtau Un
Anstalt Fr ethelm	a A	Wittenbach St. Gallen	Hebli n Herm.	Scheuermies	Ruti Zurich
Ans alt Kappel	hronbühl	Lri	HENGGLER, A. A.	Grossschmatt	Meggern, Lucerne
Anstalt Kappelhof	Ziegelbrücke	St. Gallen	Hess J	Hinterthalz	Gruningen Zurich
Anstalt Liricholom	Niederurnen	Berne	Hitz Alfr	Egg	Schönenberg Zurich
Anstalt St. Prim mberg	Pfäfers	Berne	Hofmann J	Brand	Walden Zurich
Anstalt Sed thof	Ebkun	Hünwil, Zurich	Homburger Germ.	Wanne	Moschaltorf Zurich
Anstalt Rathausen	Hünwil	Waldhofen, Zurich	Hottiger J	Muhlhof	Bubikon Zurich
Anstalt Ringwil	Asp	At. Gallen	Huber Joh Jos	Burg	Tuggen
Asper He nr	Adler	Brunnen Ingenbühl Un	Hurlmann Jos	Post	Miesbachchen Luc
Asylverwaltung Wil	Hintergrasse	Fehraltorf Zurich	Hurlmann, Th	Landmiedt	Baregg Zurich
Andersner Gebrüder	Sadel	Kleu Baretswil Zurich	Hu Edwim	Isenba h	Hombrechtikon Zurich
Bachofner H	Ragar	St. Gallen	Hu Heinrich	Seuthof	Monstetten Zurich
Bachmann J	Grubach	Flums St. Gallen	Inenchen Lou s	Lanzermatt	Nirn Argau
Barbato et Just & Chr	Bonikon	Gruenen Zurich	Jach Arnold L	Alsdorf	Niederurnen Un
Baumgarten Herm.	Hintergrasse	Fehraltorf Zurich	Jenny F & k.	Zuechtu te	Bauma
Baurmann Essc	Oberrwil	Pfaffikon Zurich	Jucker Jean	Berg	Fehraltorf Zurich
Bertschneider H	Hinterhorben	Einsiedeln Un	Keller J	Cha	Zug
Bisig Meinr	Laufenried	Bubikon	Kloster Frauenthal	Deggersheim	St. Gallen
Blasi Joh	Aglen	Hornbrechtikon Zurich	Klosterverwaltung Mardaan	Burten	Büttikon Aargau
Blen S	Dintenberg	Egg Zurich	Koch Gebrüder	Barenberg	Bubikon Zurich
Bodmer Au.	Kapfnach	Egg Zurich	Korholz J	Madikon	Stalikon Zurich
Boller Heinz	Hof	Alt St. Johann St. Gallen	Kraecht Karl	Overotikon	Gossau Zürich
Bolander J	Klaustobel	Baumta, Zurich	Krauer Rud.	Hengen	Gruenen Zurich
Bosshard Jh	Bad	Gossau Zurich	Kunz Gottfr	Obertikon	Fannertsh
Bryner Hans	Atikon	Mettmenstetten Zurich	Kunz Rob	Pannerhof	Aettenschwil Mosenberg
Buckmann, Heinr	Rosau	Schwendi Sarnen Un	Kung Leonz	Jonastrasse	Rapperswil St. Gallen
Burch J	Kappel, matt	Schwyz	Kühne Al	Alpsee	Emstetlin Un
BURGI-GREYER, SÖHNE	Arth	Gossau Zurich	Kulin Joh	B. Baumwil	Trera Isau
Burni Joh	Bere	Eschenbach St. Gallen	Kurt J	Latbach	Hünw J
Buster Li	Haalen	St. D St. Gallen	Kunig Heimr	Leumann Joh	Leumann Ra munn H
Coenrad Franz	Balkenstein	Wetzli Bern	Kunz Maria	Luppiner Joh	Locher Karl
Dahinden Al	Hausbühl	Dürnten Zurich	Locher Karl	Locher Elias	Maggi Gotswirtschaft
Dörner Heinr	Tannaertlin	Berne	Locher Elias	Maggi Gotswirtschaft	Smalgrublen
Döner Jak	Luzern	Kagesw St. Gallen	Locher Elias	Maggi Gotswirtschaft	Wachol
Doller Wyss Fr	Parquetline	Hornw. Bern	Locher Elias	Maggi Gotswirtschaft	Unter Lunnern D
Dow J	Schwanden	Wasserwendi	Locher Elias	Maggi Gotswirtschaft	D. Illaus
Echi Al	Rut Hof	Fehrenwaldberg	Locher Elias	Maggi Gotswirtschaft	Mühle
Egl Ernst	Sonnenberg	Brühl	Locher Elias	Maggi Gotswirtschaft	Brauerer
Ek Kasper	Bertsch km	Stalden	Locher Elias	Maggi Gotswirtschaft	Afreute
Elchertsen Joh Dem	Nän km	Schwanden	Locher Elias	Maggi Gotswirtschaft	Kon pitall
Emmenreier Jos	Schwanden	Egg Zurich	Locher Elias	Maggi Gotswirtschaft	Smalgrublen
Faust Arn	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Wachol
Fetsi Jos	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Unter Lunnern D
Fischer Gebrüder	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	D. Illaus
Frey J Gebrüder	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Mühle
Frey Kappeler J	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Brauerer
Friedle Jh	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Afreute
Friedrichst. Fritsche Joh	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Kon pitall
Frey Rud	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Smalgrublen
Fuba hter Jos Jak	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Wachol
Gertze Jak	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Unter Lunnern D
Glatz Alfr	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	D. Illaus
Glatz Th	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Mühle
Glatz Ad	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Brauerer
Glatz Henr	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Afreute
Glatz Em	Waldkirch	Altk. Liricholom	Locher Elias	Maggi Gotswirtschaft	Kon pitall

PROMINENT BREEDERS (cont'd)

BROWN SWISS CATTLE (contd)

Rosenberg Gutwirtschafft	Hombrechtkon	Zürch	Süss Uri	Buhn	Hombrechtkon Zürich
Ruegg Gottli	Werrikon	Uster Zürich	Störn Math	Wald Zürich	Rüdt
Ruegg Jak	Höble	Bauma Zürich	Suter Gottfr	Isenba h	Bonstetten Zürich
Rüthlin Nikl	Hutermatt	hems Uri	Tagnum Barclab C	Iaspels	St Gallen
Scheibelt Fritz	Blatt	Neuhem Zug	Thoma Bat I	Ber kon	St Gallenkappel
Scheuber Jos	Bettli	Einmettums Berne			St Gallen
Schütter Joh Jos	Feld	Ingenbohl Uri	Thomann Alb	b d kirche	Zoll kon Zürich
Schütz I Friedr	Robrgarten	Oberhofenswil t Gallen	Treichler Rud	Dürsenen	Richterswil Zürich
Schmid Rob	Bonstetten	Zürch	Tschirky kath	Untergerse	Weissenstall St Gallen
Schneider Joh	Linfang	Degersheim St Gallen	Villiger A	Muhle	Rüchter d etwnt Aargau
Schnurgert Vakt	Altmat	Rothenthurm Uri	Vogl A	Volikon	Egg Zürich
Schwartenbach Rud	Neubrunnen	Thalwil Zürich	Vollenseder Gottf	Rossau	Mettmenstetten Zuri h
Schuler Ant	Hüschen	Alpthal Uri	Vonobel Heur	Fagwilt	Rütt Zürich
Schürch Meier	Rickenbach	Schwyz Aargau	Waser Javer	Batschulen	Schärdorf Uri
Schall Joh	Dossen	Flüsi Sachseln Uri	Wartmann Herzog A I	Holzhof	Gresenberg Aargau
Schröder Heur	Erben	Oerschwand Hütten Zürich	Weber Th	Sonnenf d	Dürnten Zürich
			Waimann Jean	Busenhard	Herriburg Zürich
Scharer Joh	Hinterberg	Schönenberg Zürich	Weiss Felix	Baregg	Knouau Zürich
Schwuter Leonh	Zingggen	Immerthal Uri	Wespi Gottf	Reubaus	Egg Zürich
Schwerer Chr	Leversberg	Grabs-Berg St Gallen	Wessli genr Emul	Heuch	Usterberg Uri
Sporn Ad	Hof Neutral	Bäretswil Zürich	Winkler Heur	Dülha is	Bauma Zürich
Stachel M	Holzschlag	Hombrechtkon Zürich	Wild Heur	Dürnten	Zürch
Stahl J	Kähof	Turbenthal Zürich	Winkler F	Gassli	Fehraltorf Zürich
Staub Heur	Schützengasse	Richterswil Zürich	Wysli genr Theod	Grund Stafz	Zürch
Stehli Ad	Wachwanden	Walden	Wysler Emil	Zürcherstrasse	Waldendorf Zürich
Stoner Jos	Buggingen	Malters Berne	Ziegler Al	Gägen	Gägen Uri
Steinmann Emil	Kappela/A	Zürch	Ziegler Kaspar	Stalden	Galgenen Uri
Steinmann Gebur	Reubaus	Leuenkirch	Zimmermann Joh	Bal lern	Stallikon Zürich
Stiftsstatthaltere i Einsiedeln		Berne	Zöllinger Alb	Ne thof	Bubikon Zürich
Stiftsstatthaltere i Pfaff kon	Freenbach	Uri	Zöllinger Aug	Breitenret	Huwilt Zürich
Stocker Adolf	Hochfeld	Berne	Zuppiger J	Lünikon	Hombrechtkon Zürich
Ströhler Kaspar	Neudorf	Berne	Zwigg J	Ebnat	Seilsberg Uri
Ströhler Abrah	Esslingen	Egg Zürich	Zwigg Gebreuder		

SIMMENTAL CATTLE

Arnold & Waffer	Findtal	Aeschi b. Berne	Jacquet Frères	Aubourges	Promassens Fribourg
Anstalt königlicher	Eigenamt	Aargau	Kammer Grossrat	Wimms 1	Berne
Anstalt Rheinau	Rheinau	Zürich	Karlén Jb	Stein	Reidenbach Schwarzenmatt
Art L. von Mrs	Egerkingen	Solothurn			Berne
Balliger Emil	Brüttgau	Aargau	Kyng Hans	Styg	Diemtigen 1 Berne
Baumler Heinrich	Arthod	Zürich	Kunzli Xavier	Feld	Fittwil Luzern
Benz 1 mit	Gwatt Allmendgen	Berne	Lamprecht Gebrüder	Sürensdorf	Dietikon Zürich
Bogenli Jb	Unterbaln	Guggisberg Berne	Landw. Schule Sch	Münzingen	Münzingen Berne
Bischer Joh	Adelboden	Berne	Landw. r Schule	Rutti	Berne
Blanchard Jos	Tafers	Fribourg	Magne Alex	Marlus	Rue Fribourg
Blaser J	Römerswil	Fribourg	Mann Gebrüder	Demitgen 2	Berne
Blatter H	Brenz 2	Berne	Marbach 1 mit	Croschel	Schmitten Fribourg
Bucher Fritz	Frutigen 1	Berne	Meyerische Lützel	Anstalt	Lifligen Bözberg Aargau
Bühlhart Jos	Ueberstorf	Fribourg	Murth Jos	Gruyères	Fribourg
Bucher Rich	Berg	Niederramosen Zürich	Oesch Gottfr	Allmendgen	Lienbach Berne
Burkhalter Hans	Obernühle	Häslen-Burgdorf Berne	Rebmann N R	Erlenbach	Berne
Detelbach Hermann	Handersteg	Berne	Rieder Gottfr	Brand	Schönbühl
Dun nermuth H	Kummen	Berne	Schuler Ernst	Schneidmatt	Basel
Ecole d'Agriculture	Cernier	Val de Ruz Neuenburg	Schneider Gustav	Rekalzwil	Basel
Ecole d'Agriculture	Grangeneuve	Fribourg	Schwarz Christ	Erlz	Berne
Ehrenperger K	Waldhausen	Rheintal Aargau	Schweitzer Xavier	Berg	Schöneningen Aargau
Fischer Hektor	Zetznikon	Küchenthal Berne	Schuchert Fritz	Gutenburg	Längental Berne
Fawar Gottfr	Chandon	Montagny Fribourg	Siggenthaler Fr	Unterfeld	Trub Bern
Ferber G	Plattendorf	Oberwald Berne	Spycher Adol	Quar	Berne
Fernaud Car	Echarlens	Riaz Fribourg	Stähliatterer	Schmiz	Thurgau
Froschmikus Rud	Thun	Berne	Freudenfels		
Gaultbeau Alb	Bunzwil	Schmitten Fribourg	Steffen Fritz	Hinterflenberg	Lutzelfühl Berne
Gutslietreb Kumpel	Tinnbach	Fribourg Solothurn	Stier John	Beim 1 A. Ber	Aargau
Gutsverwaltung	Lanzennunforn	Thurgau	Stucki Gebrüder	Kollad	Dienetgen 1 Berne
Gutswirtschaft		Solothurn	Thönen Gottfr	Zwieselberg	Krattigen Berne
Alberheiligen			Tschurren Gebrüder	Zimmerwald	Fribourg
Gotschmann Fr	Strengelbach	Osternngen Aargau	Leitschi Gebrüder	Boltgen	Berne
Hader 1 mit	Kolliken	Aargau	Wampfler Mrs	Neuhaus	Dienetgen 1 Berne
Hager & Cie	Unter Hinau	Aargau	Waltersb Gebrüder	Adliswil	Waldeten Berne
Haller Rud	Zetznid	Aargau	Wutsch Chr	Hinterflanzsch	Trub Bern
Hauger Karl	Zweissen	Blankenburg Berne	Wysmader Ib	Büde	Fribourg
Held Alfr	Noung	Berne	Wabter Fr	Hittinau	Aargau
Hofler Christ	Waffler Ad	Berne	Wettler	Frutigen	Berne
Hofler Hans	Lienbach	Berne	Zeltner Gebrüder	Schönenbühl	Walden
Hofler Hans	Altenfluh	Berne	Zettner Vinterm	Schönenbühl	Walden
	Sogn	Wimms 1 Berne	Zunzle n Fritz	Längelten	Berne

BLACK AND WHITE SPOTTED CATTLE RACE FRIBOURG FOISE

Tachete Noire et Blanche Syndicats Fédérés

[illegible]

The Black-White Fribourg Dairy Cattle



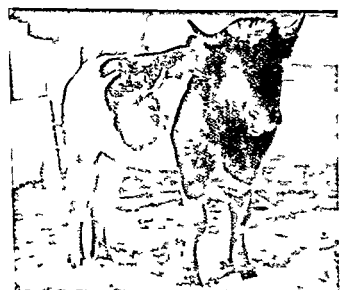
are

Excellent Milkers, High Fat Percentage, Good Foragers.

One of Switzerland's Foremost Cattle Breeds

For Particulars Photos and Prices please write to—

**Mr. CAILLE JEAN, Secretary,
Syndicat d'Estavannens,
District Canton Fribourg,
SWITZERLAND.**



Pictures

Top— BARON 174

BREEDER
Jaquet Joseph Estavannens
Awarded many prizes, sold
25 10-22 for 3 000 Frs.
Syndicat Ereyvoux
Estavannens

Bottom—

DRAPEAUX 16130"

BREEDER
Caille Jean Estavannens
Milks yield dur' 365 days.
5'22" H.
Weight 630 Kilos



Pictures

**Centre Right—
BARONNE 327"**

BREEDER
Pharisa Irene Estavannens
Awarded many prizes as
breeder. Weight 940 K. lbs.
Sold 4 11 27 for 1 800 Frs.

**Centre Left—
"FLORA 400"**

BREEDER
Jaquet Charles Estavannens,
Awarded prizes as B. & C.

PROMINENT BREEDERS (contd.)

RACE FRIBOURGEOISE (contd.)

Syndicat	La Joux	Fribourg	Syn heat de Rue	Fribourg
	de La Roche		de St. Martin	
	du Hry		de Baales (Grüeyre)	
	du Cret		de Semals	
	de Marly le Petit		de Somzantier	
	de Marsens		du Strauss	
	de Montagny		de Trevaux	
	de Pont la Ville		de Vaulruz	
	de Praroman		de Villardoland	
	de Ron ont		de Villard	
SWISS SYNDICATES FOR LIVESTOCK BREEDING				
Consorzio d'Allevamento Bestiame Bovino Diarolo Airolo Distr. Leventina			Syn heat d'Elvage de la Chaux-de-Fonds pour le Beta B. v. n. et blanc,	
Can Tessin			Distr. Chaux-de-Fonds (Can Neuchâtel)	
Consorzio d'Allevamento del Bestiame Bovino Osca Distr. Leventina			Syndicat d'Elvage Bovin La Chaux-de-Ville Distr. Locle Can Neuchâtel	
Can Tessin			Syndicat d'Elvage Bovin La Sagne Distr. Chaux-de-Fonds Can Neuchâtel	
Consorzio d'Allevamento Bestiame Bovino Prugiasco Distr. Blenio, Can Tessin			Syndicat d'Elvage Bovin du Locle les Brenets et Environs Les Brenets, Distr. Locle Can Neuchâtel	
Consorzio d'Allevamento del Bestiame Bovino Anbrin Quinto Distr. Leventina			Syndicat d'Elvage du Cheval Haut Plateau Montagnard Les Breulux, Distr. Franches Montagnes Jura Bernois Switzerland	
Fédération Fribourgeoise des Syndicats Chevalins Semals Distr. de la Veveyse Can Fribourg			Syndicat d'Elvage Bovin du Locle les Brenets et Environs Le Locle Distr. Locle Can Neuchâtel	
Fédération Fribourgeoise des Syndicats d'Elvage petit Bétail Semals Distr. Veveyse, Can Fribourg			Syndicat d'Elvage Bovin Lignères Distr. Neuchâtel Can Neuchâtel	
Fédération Fribourgeoise des Syndicats d'Elvage de la Race tachetée (Rouge, Semales) Distr. Veveyse Can Fribourg			Syndicat d'Elvage Massif Distr. Yverne Can Vaud	
Fédération des Syndicats d'Elvage de la Gruyère Yverne Distr. Gruyère Can Fribourg			Syndicat d'Elvage du Cheval des Franches Montagnes Montfaucon Distr. Franches Montagnes Jura Bernois	
Fédération Vaudoise des Syndicats d'Elvage de l'Espèce Bovine Yvonand Distr. d'Yverdon Can Vaud			Syndicat d'Elvage Bovin Monthey Distr. Monthey Can Valais	
Mutuelle Chevaline de Morrens Monthéron Morrens Distr. d'Ecublens Can Vaud			Syndicat Jovin Monthey Distr. Monthey, Can Valais	
Rindviehsuchtgenossenschaft Simplon Dorf Simplon Distr. Brigue Can Valais			Syndicat Chevalin Moudon Distr. Moudon Can Vaud	
Société de Bétail Trossier Distr. Rive Gauche Can Genève			Syndicat d'Elvage Moudon Distr. Moudon Can Vaud	
Société d'Elvage et d'Alpage Vallorbe Distr. d'Oron Can Vaud			Syndicat d'Alpage l'Abbaye Distr. d'Oron Can Vaud	
Société du Bâtton d'A. Bey Distr. d'Aigle Can Vaud			Syndicat d'Elvage Pery Distr. Courmayeur Jura Bernois	
Société du Bâtton, Caltrane Distr. Val de Ruz Can Neuchâtel			Syndicat d'Elvage Bovin de Crangeneuve losieux Distr. Sarine, Can Fribourg	
Société du Bâtton, Agnole Nozille Distr. d'Aigle Can Vaud			Syndicat d'Elvage de Puplinge Presinge Thônex et Environs Puplinge, Distr. Rive Gauche	
Société du Bâtton, Oulens Distr. d'Ecublens Can Vaud			Syndicat d'Elvage de Bétail Bovin pie rouge Riaz Distr. Gruyère Can Fribourg	
Société du Bâtton l'Enthalaz Distr. Cossonay Can Vaud			Syndicat d'Elvage de la Race tachetée rouge Romont Distr. Glâne Can Fribourg	
Société du Bâtton Savagner Distr. Val-de-Ruz Can Neuchâtel			Syndicat d'Elvage pour Sales Distr. Gruyère Can Fribourg	
Société du Bâtton, Vuilly le Haut Distr. du Lac Can Fribourg			Syndicat Bovin Sédulles Distr. Yverne Can Vaud	
Syndicat d'Elvage de la Flème du Rhône Aigle Distr. d'Aigle Can Vaud			Syndicat d'Elvage Bovin du Distr. d'Aigle Neuchâtel Thiele Wavre Distr. Neuchâtel (Can Neuchâtel)	
Syndicat d'Elvage Bovin Amères Distr. Rive Gauche Can Genève			Syndicat d'Elvage du Cheval de Tranelan l'Épail Francha Bessons Distr. Courmayeur Jura Bernois	
Syndicat d'Elvage Bovin Russigny Distr. Morges Can Vaud			Syndicat d'Elvage du Bétail de la Race tachetée Blanche Distr. d'Oron de Boudry Est Vaumarcus Vevray Distr. Boudry (Can Neuchâtel)	
Syndicat d'Elvage Bovin Carrière Servin Carrouge Distr. d'Oron Can Vaud			Syndicat d'Elvage d'Oron le Vevey et Région le Vevey Distr. Vevey (Can Vaud)	
Syndicat d'Elvage Bovin Gélany Distr. Rive Droite Can Genève			Syndicat d'Elvage Bovin de Vermet et Lonsann Vermet Distr. Jura Bernois (Can Genève)	
Syndicat d'Elvage noir Gerniat Distr. Gruyère Can Fribourg			Syndicat d'Elvage du Chevalin Vallée de Delémont Vully Distr. Delémont Jura Bernois	
Syndicat perein du Centre Chamois Distr. Conthey Can Valais			Syndicat d'Elvage Villardel Distr. Yverne (Can Vaud)	
Syndicat d'Elvage Bovin Champagne Distr. Grandson Can Vaud			Syndicat d'Elvage du Val de Ruz Vully Distr. Val-de-Ruz (Can Neuchâtel)	
Syndicat d'Elvage Dardagny Russin Dardagny Distr. Rive Droite (Can Genève)			Syndicat d'Elvage des Monts de Lavaux Villèle Distr. Lavaux (Can Vaud)	
Syndicat d'Elvage de Delémont et Environs Distr. Delémont Jura Bernois			Syndicat d'Elvage du Bétail de la Race tachetée Vaudens Distr. Gruyère (Can Fribourg)	
Syndicat d'Elvage Bovin Demery Distr. Moudon (Can Vaud)			Syndicat d'Elvage Bovin de la Rive droite de la Sarine Vuisternens (Can Vaud) Distr. Sarine Can Fribourg	
Syndicat chevalin du Gros de Vaulx Hallens Distr. d'Ecublens (Can Vaud)			Syndicat d'Elvage de la Race tachetée noire Vuisternens les Rues Distr. d'Ecublens	
Syndicat d'Elvage d'Épand Distr. Cossonay (Can Vaud)			Syndicat d'Elvage du Cheval d'Yverne Vuisternens Distr. d'Ecublens (Can Vaud)	
Syndicat d'Elvage du Bétail et agricole d'Éclatens sur Yverne Distr. d'Ecublens, Can Vaud			Syndicat d'Elvage Vuillermes Distr. Morges (Can Vaud)	
Syndicat d'Elvage d'Éclatens Distr. Gruyères Can Fribourg			Syndicat d'Elvage Yverne Distr. d'Aigle (Can Vaud)	
Syndicat Chevalin Fribourg Distr. Sarine Can Fribourg			Syndicat d'Elvage Chevalin du Canton de Rhodé Yverne Distr. d'Aigle (Can Vaud)	
Syndicat d'Elvage Genthod Bellevue Central Distr. Rive Droite (Can Genève)				
Syndicat d'Elvage de Bétail Bovin pie noir Givisiez Distr. Sarine (Can Fribourg)				
Syndicat d'Elvage Grandvill Distr. Yverne Can Vaud				
Syndicat d'Elvage Bovin Hauteville Distr. Gruyère Can Fribourg				
Syndicat d'Elvage Bovin de Jussy et Environs Jussy Distr. Rive Gauche (Can Genève)				
Syndicat d'Elvage Bovin La Bessine La Bessine Distr. Locle Can Neuchâtel				

AFRICA

Livestock Breeding in Abyssinia.

In this remarkable country—one of the oldest monarchies in the world—with a wonderfully salubrious and agreeable climate, live stock breeding—of a sort—exists but the animals bred are mostly of a wretched appearance and little value although many existing conditions are favourable for live stock breeding, such as almost endless grazing, abundance of rain during the rainy period, highlands where sheep breeding should be carried on at great advantage, fertile valleys where magnificent fruit grows and where the soil produces maize, barley, wheat and millet crops of quite exceptional value. It is certain that the general lack of salt is one of the reasons why the live stock is not attaining the size and appearance that otherwise might be expected in an agricultural country with plentiful grazing. Lately some European agriculturists have settled in the country and report that it is hoped to improve live stock breeding through the importation of pedigree stud animals. Land is obtainable at ridiculously low figures, and the present enlightened Ruler of Abyssinia, after his recent visit to Europe and especially to England where he expressed his surprise at the wonderful studs, herds and flocks he had seen, has lately stated his intention to grant State aid and import facilities to his Livestock Department. Thus it may be hoped that conditions for live stock breeding may improve. Probably European and American breeders could obtain special facilities through the Regent in the event of their settling in the

country. Wild animals, such as lions, leopards, the elephant and the rhinoceros abound and of course do harm to flocks and herds.

The area of Abyssinia comprises 212,000 square miles, with a population of between 4½ and 5½ millions. Neither of the population nor of the live stock has ever a census been taken, and it is impossible to obtain reliable figures as nobody seems to know. Abyssinia is divided into divisions—the Amhara, stretching over the centre and the west of the country, the Shoa stretching towards the south, and the Tigre in the north. The chief towns are Addis Abeba, where the foreign Legations and Consulates are domiciled, Gondar, Adwa and Ankober. Industry and manufacturing are non-existent, the only occupation of the people being agriculture and live stock breeding. The people consist of Hamitic, Semitic and Negro elements. Mentally, the Abyssinians are surprisingly superstitious, and their ignorance of things in general amazing. They are of medium stature, well built, dark haired, with rather swarthy complexion. Along the chief rivers such as the Atbara River and the Bahr-el Azrek, the Blue Nile and the Tekazze magnificent grazing bounds and live stock attain a larger size in these valleys. A portion of the country consists of highlands at an elevation of from 6,000 to 8,500 feet. Sheep breeding should here prove a most remunerative undertaking. The chief obstacle towards successful breeding is the thieving propensities of the Abyssinians.

Livestock Breeding in Algeria.

The Live Stock estimate for Algeria states . cattle 1,028,000, sheep 7,000,000, pigs 112,000, horses 200,000

Divided into three Departments—Algiers, Oran and Constantine—this interesting country under French Government has made very great strides and farming and live stock breeding are carried on to an extent that would scarcely have seemed possible prior to the French occupation. Colonisation commenced in the year 1901 when many Europeans, but chiefly French, settled in the country. Although admittedly the French rule is very severe, the country is increasing in prosperity from year to year, and slowly, almost imperceptibly, the French iron hand is stretching further and further towards east, west and south, teaching the turbulent natives well-deserved lessons in orderly government. In the Roman days Algeria was the chief granary of the world, and this probably explains the natives' love of agriculture and live stock breeding. With the fall of Rome and the country successively coming under the cruel rule of the Moors the Saracens and the Kabyles, farming was still the foremost occupa-

tion, rather than trading, and when the Moors were expelled from Spain and made piracy their chief occupation and source of income, the natives were forced to till their soil and rear the cattle through the help of the slaves whom the Dey, the ruler of Algiers sent to the farms as labourers.

Excellent horses have been bred here since time immemorial, and the numbers of sheep, pigs, goats and camels seem to increase from year to year. Rivers abound, and although they are unimportant and small they are very serviceable for irrigation. The French Government have carried through a remarkable system of drying up unhealthy marshes and lakes with stagnant water, greatly to the improvement of the public health and much in favour of the live stock breeders, as injurious insects are being killed. The climate is very variable, with very hot summers when little or no rain falls. Live stock breeding as stated, is the main occupation and improvement in the existing stock is visible from year to year. Undoubtedly here is a

Livestock Breeding in Angola.

The Angola Colony belongs to Portugal on the West coast of Africa holds a very considerable stock of native cattle and a great number of sheep and pigs but no reliable estimate can be produced. The total area is about 500,000 square miles with a population of about 4,200,000. As there are, a vast stretching country. The capital and chief port is São Paulo de Loanda. Along the coast the country is flat and uninteresting but rising towards the interior where the land is between 7,500 and 8,000 feet. The climate is diversified from very humid in the lowland to the mild or sultry temperature on the plateau where the live stock seems to thrive best. The live stock is of a considerably larger size and development than in the colonies. Live stock breeding has been

carried on since time immemorial in the pasture districts along the rivers Danda, Bengo, Kwanza and other rivers where, in the days of the slave hunter the possession of cattle was always a means of purchasing immunity by the poor natives from being chained and taken to the coast. Angola was discovered in 1482 by the Portuguese who with many other nations during many years carried on cruel slave hunting. In the year 1887 as a result of a Treaty entered into with the Congo Free State a large tract of land was added to the colony which now consists of four districts the Luanda, the Congo, the Benguela and the Mossamedes. In the interior a number of independent Sultanates exist, enjoying Portuguese protection. All these are large cattle and sheep breeds.

Livestock Breeding in The Azores.

The lack of suitable harbours is one of the chief difficulties in the development of this important group of islands belonging to Portugal the geographical position of which is in the North Atlantic Ocean nearly 81 miles from the coast of Portugal. There are nine islands of some importance divided into three groups the most important being the Pico Fayal, Graciosa, San Jorge and Terceira which form the central group while the islands of Flores and Corvo form the north western group and at a distance of 75 miles towards the south-east the important islands of Santa Maria and São Miguel are the largest of all well populated and commercially the richest. The total area of these island groups is nearly 950 square miles. Travellers who have only passed the islands in the distance and never explored them would be surprised should opportunity take them into the interior at the wonderful vegetation and beautiful scenery as seen from the sea they look most unpromising. The climate is delightful and the vegetation tropical, with vineyards and luxuriant plantations of banana orange and lemon trees, while the sugar cane coffee and tobacco grow in abundance. The fruit plantations which abound in oranges pineapple etc. derive a considerable income from the export trade with Europe the United States and Brazil. The main export article however is salted beef and pork derived from live stock breeding which fact indicates that this branch of agriculture is one of some importance. The number of agricultural and live stock Societies mentioned hereunder points toward a general interest manifested for farming and although of course these Societies cannot be of any greater importance each of them has enrolled in its membership list every available local farmer and stock breeder.

According to old records the Azores were known prior to the year 1460 when they were officially annexed by the Portuguese who landed there by a mere accident it is stated when they, much to their surprise dis-

covered during their first sojourn that two islands all of a sudden appeared before their eyes while one island entirely disappeared. This phenomenon has been repeated more than once since then, owing to the destructive and violent earthquakes which suddenly occur. While none of the larger islands has ever been submerged a number of small islands are said to have appeared during the sixteenth century and several smaller islands disappeared suddenly in the seventeenth century.

The population about 300,000 is almost exclusively devoting its interest to agriculture and live stock breeding. The number of the existing livestock is unknown as no census has been taken but among the existing cattle breeds, none of which is indigenous as all have been imported through the Portuguese two are quite valuable and could be much improved through selection and better breeding methods. As a pig producer the Azores should certainly do well as the islands have long done a brisk trade in fresh and salted pork. Sheep are doing very well indeed but the existing breed should be substituted by one more useful. Much damage is done to the lambs through the hawks from which birds the islands derive their name. The capital city Azra is on the island of Terceira. Goats and poultry do very well in these islands where on the whole all kinds of live stock thrive.

AGRICULTURAL AND BREEDERS ASSOCIATIONS

- Soc. Cabo da Praia Praia da Vitoria Angra do Heroísmo, Azor 1
- Soc. Guadalupe Graciosa
- Soc. San o Antão Calh. a
- Soc. Liga Agraria do Distrito de Angra
- Soc. Santa Barbara No. 1 R. de as Angra
- Soc. Ponta Delgada I evario Ponta Delgada
- Soc. Creadores de Eguas Ceia R. Beira Grande
- Soc. Cult. adores de Anana e Ilha S. J. guel
- Soc. Lomba de Lou. a. a. azoro
- Soc. Santa L. p. rito V. la do Porto
- Soc. R. de a Serra Ribeira Grande Ponta Delgada
- Soc. Fa. a Grande das Flores Lagens das Flores Horta
- Soc. Uniao Calhe rose Angra n
- Soc. Un. as e Progresso de V. la do Corvo

Livestock Breeding in The Canary Islands.

The mediæval name of this island group belonging to Spain, situated about 65 miles from the west coast of Africa—"Happy Islands"—seems to indicate that life and conditions long ago must have been considered exceptional. The present-day name is supposed to indicate that dogs must have been very numerous, although this is not the case now. The group consists of nine principal islands—Sta Clara, Gran Canaria, Tenerife, Palma, Gomera, Ferro, Graciosa, Lanzarote and Fuerte Ventura—the total area of which is 2 857 square miles. Most of them are probably of a volcanic nature, but it is a long time since eruptions occurred. A peculiar feature of these islands is the total absence of rivers. The scenery is beautiful and the climate pleasant, although sometimes the heat is intense but moderated by sea breezes. Winter does not exist. Sometimes fresh water is scarce. Everything grows luxuriantly, and in the numerous valleys intermingled among the mountains, the soil is wonderfully fertile. While the production of wine not so very long ago was the chief pursuit, the vine, after having suffered from a peculiar disease, seems in parts to be dying out. Curiously enough, the camel is bred here to a certain extent, but goat breeding is the principal branch of the live stock industry and the Canary goat is a splendid milker. The breeding of cattle has long enjoyed encouragement from the Spanish authorities and the Andalusian

breed is mostly prevalent. Pigs are bred in every island where the animal is a not unimportant member of the smaller farmer's live stock. Sheep do excellently all over the islands and the type mostly bred is a Merino strain. Only rarely are breed animals imported and it is probable that inbreeding takes place in the villages. The interested live stock man who would spend some weeks in the islands should undoubtedly find opportunities for making propaganda and it is not impossible to find a market for Pedigree pigs and sheep, even cattle.

Whether the islands were inhabited prior to the advent of the first settlers at the commencement of mediæval times is unknown, although in many villages the type of the people is quite different from the Spanish inhabitants, probably originating from a race now on the point of extinction, the Guanches concerning whom it is stated that they were driven from island to island and finally conquered in the year 1495 by a French adventurer who then took possession of the islands. After his death his successor transferred the rights to the Castilian king.

Here is a unique field for a remunerative poultry breeding industry, with considerable local consumption and splendid shipping facilities to African markets. The chief agricultural articles from which the farmers derive their mainstay are tobacco, potatoes, sugar cane, olive oil and raisins.

Livestock Breeding in Cape Verde Islands.

The Live Stock estimate for Cape Verde Islands states

cattle 11,500, sheep 6,000 pigs 17,000 horses 1,200

This group of islands a possession of Portugal in the Atlantic Ocean some 300 miles from the west coast of Africa has a total area of about 1,600 square miles with a hot climate a remarkable absence of trees and irregular water supplies. The soil is neither fertile nor properly cultivated and there is scarcely any condition prevailing favourable to live stock breeding. In spite of such drawbacks, however, cattle are extensively reared and the export of meat products salted, dried and fresh, is the main source of income. It should prove a paying proposition to introduce superior Pedigree strains—cattle, sheep and pigs—as the native stock is hardy, prolific and generally speaking suitable material for cross breeding. Although the number of islands is considerable several of these are only suitable for sheep rearing. The more important are the Santiago island the Brava, Fogo, Sao Nicolas, Razo, Branco, Santa Luzia, Granda, Sao Vicente, Santa Antao, Sal Maio and Boavista all of which are situated in the windward and in the leeward group. While mornings and evenings are cool and pleasant, with an abundance of dew, the temperature during the day is hot, often trying, chiefly from July to December. The main crops cultivated are sugar, tobacco, cotton, indigo and oil nuts. Few horses are reared and

mules and asses are extensively utilised in farming. Curiously enough no reptiles have ever been found in these islands where the guinea fowl, the quail and the partridge appear in enormous numbers. There are scarcely any industries with the exception of the making of soap and turning locally tanned leather into beautiful articles of luxury, but agricultural pursuits and live stock breeding dominate the life of the natives who are intelligent, very docile but probably among the laziest inhabitants of the earth. When these islands were first discovered by the Portuguese Cadamosto in 1456, he reported to his Government that he found pigs, sheep and goats but not one single living human being, from which it would appear that the islands had been utilised by sailing ships for watering purposes and these domestic animals thereby introduced. The population is now about 165,000. To Portugal the islands have always been useful and for world shipping their situation is of a certain importance for coaling and oil fuelling. During the last fifteen years the cultivation of maize has increased very considerably, being the principal article of food among the natives, while the excellent quality of the coffee grown, although very little attention is paid to this industry, testifies to a statement often made by coffee experts that the Cape

Verde coffee bean is among the very best coffees produced. Methods of farming are still most primitive as besides the wooden plough and the spade the average farmer never utilises any tools or machinery. Quite recently however an experimental agriculture and live stock raising station was established at Pinar, and local breeders are watching with interest the experiments now carried out here with a view of reaching results in regard to the possibility of increasing the milk yield of the local cattle stock through selection in

breeding and better feeding. The turn-over in commercial commodities such as live stock products coffee indigo oil nuts and a liquor called Aguardente made from sugar cane is important. At Sao Vicente where the local Administration is centered a Department for Agriculture and Live Stock Breeding has been inaugurated to which interested parties might apply for information. The capital town of the island group is Porto Granda where the seat of Government has been moved from the erstwhile capital Porto Praya.

Livestock Breeding in Congo Territory.

The Population in the Congo is variably estimated at from 15 000 000 to 35 000 000 in the Free State while in the French Congo—the region of west central Africa extending on the coast between Camerun and Kabunda up to the Ubanghi River and further on to Lake Chad—it is likewise variably estimated from 10 000 000 to 16 000 000. The number of European residents is very small and the bulk of the population consists of the Bantu Waregga the Menyema and other tribes and the existence of pygmies—Akka etc—in great numbers long suspected has only recently been proved. The Congo Territory is geographically an enormous district with a future that can only be imagined but when the means of transport have been extended tapping the resources of the interior untold still unexploited wealth will probably constitute the country one of the most valuable possessions of the African continent. All the usual tropical plants are cultivated. As the climate is equatorial it is questionable whether as a live stock raiser the Congo will be able to play any conspicuous part but in this respect the opinions held by experts are very divided. Cattle sheep pigs and goats are reared in very large numbers but their commercial value is so far not known. No live stock census has been taken.

In the Lake Chad cattle district an area which includes the Archipelago of Lake Chad and all the surrounding districts of Kanem a vast stretch of land east of the lake cattle breeding has long been the chief occupation of the population and it is interesting to note that through skilful selection of breed animals the natives have succeeded in creating a really good type of breed generally called the Lake Chad cattle numbering now slightly more than 200 000 head. These cattle differ considerably in appearance and performances from the other cattle stock and through careful observation on the part of an investigator who not so long ago made it his business to study the possibilities of improving the live stock in this district by means of imported sires the conclusion was drawn that inbreeding has been carried on for a number of years and with very good results while testifying to a certain skill on the part of those who effected the improvement. A reliable informant estimates the cattle stock in the Lake Chad district at well over one million head. They have no hump grow to 130—50 meters and reach an average weight of 450 to 480

kilos from which it may be assumed that here is a breed of interest to the live stock improver considerably above the average native breeds in value. The head is curiously formed in the shape of a V and the horns characteristic rising vertically or otherwise crossing each other sometimes peculiarly twisted. These cattle are called Kouri. The neck is short and flat the chest narrow the flanks are long and the back wide and very straight. They have a remarkably long tail. In colour they are white or sometimes white with small red or black spots. The oxen are very strong but remarkably lymphatic in temperament owing to the damp climate in the lake district and as for fattening they quickly attain a heavy weight but are inclined to run into fat rather than lean meat. On various occasions when fattening these oxen intelligent observation has been able to prove that they are splendid butcher's beasts. Compared with other native cattle races the Lake Chad cows are good milkers 8 to 10 litres being a fair average. As pack animals the bulls are very useful being trained to travel 4 kilom an hour while carrying a weight up to 120 kilos. Although the natives are lymphatically indifferent and careless in regard to the breeding of their stock the fact that this cattle breed has been able to develop on now indicated lines illustrates the possibilities of creating a live stock industry from which considerable income could be drawn. Already now the Lake Chad cattle obtain far better prices than other native cattle in the district and when moved to the principal markets in Nigeria they always sell rapidly.

It is remarkable that the natives seldom or never consume the meat of their cattle and they exist entirely on mutton and goat flesh. The herds are never sheltered always grazing along the natural pastures. Breeding is carried on in a very haphazard manner and no control is exercised. The calf is left with the mother or left to fence for himself. The guarding against wild animals or other perils is left to little children who early obtain a wonderful hand in stock management. When pastures become exhausted the herds are moved on to new grazing and often they have to swim across large lakes and rivers in reaching new grazing ground. Undoubtedly here is a nucleus for stock men as little capital is required to pursue cattle breeding and grazing possibilities are almost unlimited.

Livestock Breeding in Dahomey.

With only 58,000 square miles of area, the Dahomey Territory has a very large population, now nearly 1,050,000, where live stock breeding is the chief pursuit. There are two quite good breeds of cattle, one small-sized, sturdy, fairly good milkers but slow maturing, while the other breed is somewhat larger in size, but bad milkers. This breed matures at an earlier date. The country holds large pastures suitable for cattle grazing. The soil is everywhere very fertile and, as is so often the case in French-governed territories, well cultivated, especially in the neighbourhood of towns. The chief agricultural crops, mostly consumed in the country, are maize and manioc root, and in some parts cotton, and for export and general trading butter and palm oil are either sold or bartered. The natives are remarkable for their cleanliness, love of their homes, garden cultivation and live stock generally, and the visitor is agreeably surprised to find a large number of farms in a high state of cultivation and good order.

Dahomey, once upon a time an important negro kingdom, lies between Togoland and Lagos, extending to the Niger river. The coast strip reaches more than 75 miles where the number of islands, belonging to the country, seem to have created a system of lagoons through which navigation is possible. The Dahomey people are very intelligent but persistent worshippers of fetiches. Their cruelty to prisoners and their warlike pursuits were long a constant source of trouble to the French, but their inborn ferocity is dying out. They are certainly among the best farmers in Africa, and their skill as potters is remarkable. The chief cattle breeding regions are the Abomey, Grand Popo, Allada, Whydah and the Ague Districts. The breeding of pigs, goats and sheep is also considerable and quite good pigs are being marketed. As no live stock census was ever taken the number of the existing stock is unknown.

Livestock Breeding in Egypt.

The Live Stock estimate for Egypt states - cattle 720,000, sheep 1,130,000, pigs 18,000, horses 38,000

Probably from religious reasons, the ancient Egyptians expressed and perhaps felt abhorrence for breeding cattle, and contemporary scribes repeatedly testified that the eating of flesh was looked upon with contempt. On the other hand, Greek historians have often mentioned the "Shepherd Kings of Egypt," from which it might be deduced that live stock breeding really once upon a time was an occupation of some national importance. These so-called Shepherd Kings were, of course, the Huksoi, originally aliens, probably of Palestine origin, who for reasons of their own invaded Egypt, bringing with them their flocks and herds, besides beautiful horses. Many of them settled for good on the Delta, and it is known that they worshipped the Hathor Cow. It has been proved that during the Hyksos Period the cattle in Egypt were hornless; that they were highly treasured as producers of milk, and that they were never permitted to be used for work.

It is stated in the Scriptures that when the Tribe of Israel bargained with the King of Egypt for their exodus their spokesman Moses, who undoubtedly was a man of affairs, stipulated that "our cattle also shall go with us."

In modern times Egypt has done singularly little towards improving her live stock, and it is only quite recently that the Government have been paying more attention to this important branch of agriculture. From more points than one this circumstance is remarkable as the country lends itself to live stock raising on a big scale. Its geographical position is such that a prosperous live stock industry could be created with natural outlets to many neighbouring countries, but as live stock breeding in Sudan is slowly coming to the fore, it is likely that Egypt will in time draw lessons from the results obtained in this neighbouring country:

The indigenous cattle breeds in Egypt are nowadays not particularly valuable; but that in ancient times magnificent beasts were reared has been proved over and again. It has also been proved that splendid horses, once upon a time, were bred in Egypt, and the Egyptian goat was in mediæval times a cherished animal, often sent by vessels to other Mediterranean countries where it was held to be a remarkable animal owing to its milking propensities. It has been stated in some quarters that the Angora goat in Turkey really emanated from Egypt, a statement that, however, has never been verified. Animal life was never proficient in Egypt, but the jackal and the hyena seem to thrive and multiply. To-day the chief beasts of burden are the asses, horses, and the one-humped camel, but buffaloes are used in certain parts in farm labour. While improved methods in cattle breeding are only slowly coming to the fore and the live stock industry still remains in a very backward condition, sheep breeding has always been and is to-day the mainstay of the smaller farmers, and yields a steady and reliable income. The same may be stated concerning the goat.

Organised breeding, aiming at improving existing stock, does not exist in Egypt, but on several of the larger estates efforts are certainly made to improve the cattle as well as the sheep. Pig breeding will probably never attain any importance. The Department for Live Stock states that very likely opportunities for breeders of prominent sheep-breeds may find opportunities for selling stud animals, as the existing indigenous sheep breed on the whole shows signs of deterioration. The Agricultural Society, Cairo, is anxious to see live stock breeding developing on up-to-date lines, and interested parties are advised to correspond for such purposes with the Secretary.

Livestock Breeding in Eritrea.

It is not generally known that in this Italian colony very excellent sheep are bred. With magnificent pastures almost all over the country on which very large numbers of sheep could be reared it is likely that the Italian Government during the next few years may create special facilities for settlers who will take up this pursuit. The official live stock estimate gives the number of cattle in the Colony as 557 000 sheep 1 703 000 while the number of pigs reared is undoubtedly of some importance although no official census is at hand. Horse breeding is insignificant the official estimate being 1 475. While these figures are official it is privately stated that the number of cattle is probably 800 000 and that the sheep stock exceeds 2 000 000. In this valuable Italian possession a considerable area of the Abyssinian plateau lands is included and as this territory has an elevation of 7 150 ft there is ample explanation why the sheep stock generally assumes a remarkably good appearance size and production. The climate is exceedingly healthy and salubrious in the tableland. Various crops are likewise grown at this elevation.

In the low lying districts on the other hand the heat is intense the thermometer seldom falling below 95 deg. The total area of Eritrea is estimated at 95 300 square miles but it is privately stated that it is much larger. The population with the exception of the handful of Europeans living in the capital Massowa consists of nomadic shepherds who spend their lives tending their herds and flocks constantly moving their movements being regulated by the reports of superior pastures being available now in this now in that district. In spite of this nomadic life a certain system of dairy production seems to be in vogue as the supplies of butter cheese and meat besides hides skins and wool appear at regular intervals on the chief markets where they are offered for sale according to classification. Besides live stock products the natives market large quantities of very good tobacco and bananas and cotton in smaller quantities. These are the main articles of trade. This Colony is bordering on the Red Sea extending from Cape Kasar in one continuous stretch down to the Strait of Bab-el Mandeb. The total population is probably close on 400 000.

Livestock Breeding in French Guinea

This French Protectorate between Sierra Leone and the Portuguese Colony of the same name is officially stated to contain 85 000 square miles but its boundaries have never been properly settled and it is possible that a larger area is claimed than really belongs to the territory. The area extends towards the French Soudan and includes the very populous native region known as Futa Jalon. The country is throughout extremely fertile and the india rubber trade draws large supplies from this territory. The coffee bush is well developed and yields a very fine quality of bean. Other products are palm oil and cocoanuts. The existing cattle breeds

are probably indigenous to the country but of no particular merit. The natives largely go in for goat breeding. French breeders have from time to time exported bulls of the Normandy breed for crossing the native cattle with good results it is reported. The administration is in the hands of a governor who resides at the capital Konakry which town is in railway connection with the Upper Niger territory. A Department for Agriculture and Live Stock Breeding under the charge of a Veterinary Officer has recently been inaugurated. The number of the existing live stock is unknown.

Livestock Breeding in Gambia

In this little colony of a small area small population and only a few hundred white settlers consisting of the island of St Mary and the Combo district at the mouth of the River Gambia where a flourishing trade has existed for very many years chiefly in cattle hides and skins beeswax rubber rice palm oil and ground nuts live stock breeding is in the hands of the Fula tribe controlled and managed by wandering tribesmen and therefore no statistics are available in regard to stock. Attempts to obtain an estimate in the absence of a regular census have been made but as the live stock is constantly moved up and down the Protectorate no reliability can be given the various

estimates which from time to time are obtained from the herdsmen.

The Government have been experimenting in live stock improvement and not so long ago introduced Pedigree stud animals imported from England but for various contributing reasons the experiment did not turn out an unqualified success and in the year 1919 ravages of pleuro-pneumonia very considerably decimated the cattle in this part of Africa. Cattle as well as pigs sheep and horses are bred and there is considerable room for improvement. As regards the pig stock the native indigenous race is not bad and could undoubtedly be much improved through crossing with Large White Yorkshire boars. Black coated pigs have not proved successful here.

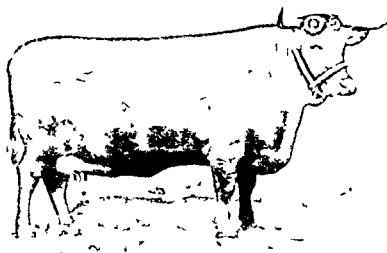
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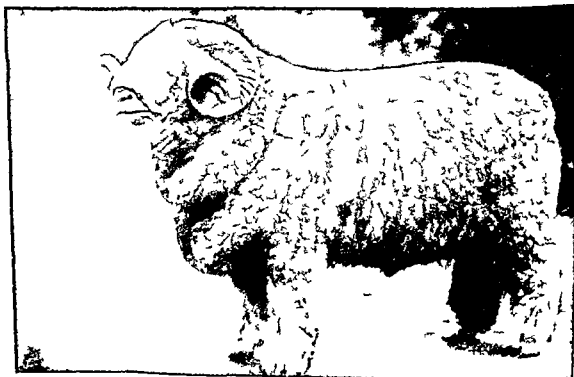
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(A pg 66

U S America Hampshire Sheep



(A pg 66

U S America Rambouillet Sheep

Livestock Breeding in The Gold Coast.

The Live Stock estimate states—cattle 92,000 sheep 325,000 pigs 17,000 horses 4,100

Situated on the Gulf of Guinea, the Gold Coast Territory comprises the Gold Coast colony, Ashanti, and the Northern Territories, while the Mandated area of Togoland since the war is also administered by the Government of the Gold Coast. The country has a coast line of 334 miles on the southern side—a total area of about 22,000 square miles, and thus the country is just a little larger than Great Britain. The population now numbers 2,300,000 of which some 2,000 are Europeans. The climate, much slandered, is not nearly so bad as reported if the European settles takes sufficient precautions. The chief towns are Accra, Keta, Accra, the seat of government, and Sekondi, and Kumasi, the chief town of Ashanti, some 180 miles inland. In the northern territories Tamale is the chief town. There is a steamship service between Accra and Sekondi. While some twenty-five years ago railway construction was unknown, there are now over 500 miles of railway over three different lines—Accra to Kumasi, Kumasi to Sekondi and Haru in the central province, to Kade. The road system is every year being extended—the harbour at Takoradi just completed—is the last word in deep water harbour construction in this part of Africa, and shipping connections with Europe is excellent. The telephone system is now spread all over the colony and all the chief towns are connected by telegraph. There are more than two hundred post offices and the banking service is excellent.

The soil all over the Colony is exceedingly fertile and farming methods are improving from year to year. The chief enemy of the farmer is, of course, the Tsetse fly but as and when cattle can be made immune this drawback may be minimised. As well known, the development of cocoa cultivation is little short of marvellous, indeed it constitutes an agricultural romance as proved by the fact that while in 1900 the export of this article amounted to 500 tons it had, in 1926 reached 230,840 tons. Palm oil and palm kernels are other important articles of trade, and strenuous efforts are made to induce the natives to take up cotton growing on a commercial basis. Fruit grows luxuriantly. Timber resources of the colony are enormous and some of the best mahogany timber in the world are felled in the forests. Gold is still the chief mineral, and of this article over £25,000,000 worth has been exported during the last twenty-five years.

As regards live stock breeding the Veterinary Department at Tamale has done a great deal for the improvement of the indigenous races. At a number of experimental farms under the Department cross breeding has been tried on pigs for some time, chiefly with the Berkshire blacks and the Middle White Yorkshire pig, and while the Berkshires have not been able to withstand the sun under which they succumb the

Middle White Yorkshires have proved very splendid foundation animals.

As regards cattle breeding all grazing lands are unfenced—the common property of all the people and grazing is almost all over the country perpetual so that the soil in the course of time becomes weaker. For the purpose of strengthening deficiencies grasses are burnt every year and the ash spread over the surface. In the Northern Territories the main cattle breeds are the unkumped type and the humped Zebu and these two breeds are continuously crossed with each other. Whether these types are indigenous cannot possibly be stated but probably they originated from Asia. Both are small symmetrically developed, very compact animals in appearance not unlike the Shorthorn cattle. They develop very slowly and only reach their full size at the age of 6 to 8 years. The cows are not full-grown until reaching 7 years and the bull 2 1/2 years. The Veterinary Department who recently made an exhaustive survey of the possibilities came to the conclusion that if bulls and bullocks were allowed to reach full development, they invariably shape into very fine animals capable of competing favourably with many a small European cattle breed, such as the Dexter and Kerry cattle. Of course as milk producers these cattle have never been developed, and thus a cow is considered good if she yields an average of two pints a day. The udder and the teats are very small. The chief colour is black, black and white, red and white and yellow and white, but brindled occur although not very often. It is a hardy breed, splendid feeder and forager. Incessant inbreeding takes place, and thus the same strain of blood is being used in breeding without the introduction of any new through chances of sterility of course, with the usual disastrous consequences. During the lactation period the cows are never properly fed, and the calving time is never regulated. The Veterinary Department strongly recommends the introduction of English bulls and point out that while this may be full of difficulties owing to the condition of the country and experiments made that have frequently failed, the fact remains that a number always pull through and then do extremely well.

As regards sheep breeding the sheep in the Northern Territories is a small animal which produces hair instead of wool. There are two breeds of which do the same, one being the fat tailed originating from the Karakul sheep in Asia, and other breed exists in Morocco where it is "Barbary." Whether the Gold Coast is from the Karakul sheep or not, is likely. These sheep are remarkably good and splendid mothers, and if their size is considered they are a paying butchers give preference to this sheep. Sheep

is a most profitable industry, and a large number can be maintained in every native village. The only drawbacks are the hyena and the leopard. Cross breeding with a large sized breed would immediately prove profitable as the size would increase and the ability to grow wool would probably be inherited. To illustrate the practicability of sheep breeding in this part of Africa it should be mentioned that Merino as well as Karakul sheep growing fine fleeces of wool are doing very well indeed and attain fairly large size. The French Government who have carried on a series of experiments in the Bend district of the Niger have already success to report. It is held that the Dorset Horn breed should do peculiarly well in this Colony.

As regards horse breeding good horses have been bred here for a very long time, undoubtedly originating from the Berber horse. The natives give more care to their horses than to any other domestic animal, housing them at night while looking after them in

the day. It is held that for improvement Suffolk stallions would do specially well.

As regards pig breeding, the indigenous breed, roaming about wild, is the origin of the domestic pig which is small and black in colour, and remarkable for its large litters, twelve to sixteen. As this is a grazing pig, improvement should probably be more successful if crossed with boars of a grazing strain. All over the Colony enormous numbers of pigs are bred, and the same tale could be told—in-breeding and lack of blood refreshing. The Veterinary Department are anxious that improvements should take place through the importation of valuable Pedigree strains, but consider it necessary to first disseminate better knowledge among the natives concerning pig keeping and treatment. According to a recent report on the live stock industry in the Gold Coast Colony, the average price per head of cattle is estimated at £8, sheep and goats 10s and horses £10. The average value of pigs is £3.

Illustration page 636

Livestock Breeding in The Ivory Coast.

This territory lying between Liberia and the Gold Coast is a densely populated country belonging to France, very fertile and well watered with a population of nearly 2,200,000 natives but only a handful of European residents. The natives are industrious and intelligent and of a peaceable disposition. Their chief occupation is live stock breeding, and very good cattle are exported to neighbouring territories. Goat

and sheep breeding are also undertaken. Along the Akba and Sassandra rivers, on splendid pastures free from the Tsetse fly, large herds of cattle are maintained. No live stock census has been taken and the number is unknown. The Government is nowadays centered at Bingerville to which place it was removed some years ago from Bassam. Veterinary officers are employed to advise the natives in regard to livestock breeding to which they devote much attention.

Livestock Breeding in Kenya Colony.

The latest Live Stock estimate for Kenya Colony states cattle 3,400,000, sheep 2,850,000, pigs 13,000, horses 500, goats 3,600,000, camels 60,000.

One of the advantages to the stock breeder in Kenya is the abundance of natural pastures of very nutritious grass and as there is no winter the stock can be maintained on natural herbage all the year through. During the last three to four years thanks to strict measures by the Veterinary Department, contagious diseases have been systematically fought and a considerable measure of immunity is now generally obtained through inoculation. The change to the good speaking generally, is now evident and the live stock to-day can scarcely be compared with what it was in pre war days owing to the great care devoted to the domestic animals by the European settlers. These now hold more than 200,000 head of cattle of which a great proportion consists of 'graded ups' from the native stock on which Shorthorn, Friesian, Ayrshire, Hereford, Aberdeen Angus, Jersey, Red Poll and Kerry bulls have been crossed. The problem for the settler, or rather the live stock man is however, to find a market for his surplus beef, and already now, in the eleventh

year after the war, the increase in the cattle stock is so rapid as to make this problem one of some magnitude. The same may be stated in regard to dairy products but with a view of meeting the difficulty, the Government are anxious to create a dairy industry on modern lines and to organise an export trade in the surplus butter and cheese production to other countries.

When the first European settlers in Kenya Colony took up cattle breeding as the speediest means of existence they were surprised to discover the enormously large herds of cattle grazing everywhere, in the possession of the natives. In point of fact it was early found that the number of herds and total number of head in the Kenya Colony far outstripped many other territories on the African continent where cattle breeding has been carried on since the days of early colonisation, and the explanation is, of course, to be found in the salubrious climate in Kenya. The occurrence of two rainy seasons in the year guarantees a continuous growth of pastures, while over the immense areas of the colony the rivers are well distributed, with

abundance of water. No stock housing is required generally speaking although of course valuable stud animals and imported dairy cattle must be protected against ticks which infest the grazing lands all over the colony. The Tsetse fly infests certain districts. Experience however has shown that the Tsetse fly seldom or never attacks the districts where the Europeans settle i.e. at higher altitudes. The attacks from wild animals become less every year. The native humped cattle of the Zebu type are suitable for grading up. There are several types among which very good cattle can be found such as the Masai the Boran etc. all of which are probably nearly immune to ticks. With such cattle material close at hand obtainable at extremely low prices the grading up industry should prove interesting and paying to the live stock man who approaches the subject with an understanding mind and with sufficient capital. The indigenous cow is undoubtedly by nature a good milker but as she is never required to yield more milk than demanded by her calf her natural propensities have never been developed.

As regards sheep breeding interesting progress is being made with grading up the native ewes through Merino rams and the wool from the cross product is lately meeting good demand and better price in the English markets. High up on the tableland sheep breeding cannot fail to develop and it is likely that within the next twenty years Kenya may develop her sheep breeding industry on very much the same lines as in British South Africa.

The number of pure bred and graded up Merino sheep may probably be estimated at close on 80,000. The best sheep runs are along the plains of Laikipia in the Rift valley and in the Nakuru and Kijabe districts. The average growth of fine wool is now between 5 and 6 lbs. and the quality is so much improved that the wool sells easily on the London wool market. The cost of shearing the wool and shipping expenses to England amount from 24d to 3d per lb. A reliable estimate concerning the death rate percentage for the Kenya sheep flocks gives the figure at from 8%—9%. In comparison the birth rate of the breeding flocks may be estimated at 87% while the loss of lambs between birth and weaning is scarcely more than 3%. It is estimated that the average sheep run to become a paying proposition should be not less than 5,000 acres on which about 2,500 sheep can be permanently kept grazing. The actual cost per head per annum for maintaining a grazing sheep is about 3s. and it is stated that the sheep breeder calculates his gross profit at 10s. Very good sheep land is now obtainable at prices from 5s. to 25s. per acre. So far there is more sheep land obtainable than the present number of sheep can fill up. On well watered lands two sheep to 3 acres can be grazed without running any risks. Within the great Masai reserve breeding ewes can be acquired the actual price being a matter of bargaining while a safe average would be 15s. to 20s. per head. These native sheep are of a remarkably good size and strong constitution and are excellent material for crossing

with a number of English breeds or with Merinos. They grow no wool. In the cross the mutton is already of a very improved quality, and after the third cross Merino wool is grown. Breeding for the sake of breeding stud animals such as Merino rams, would prove a remunerative enterprise.

The Romney Marsh sheep are coming rapidly into favour in the high country where they yield a good fleece of wool as well as good carcasses and in a relatively wet country like Kenya they are not subject to foot rot and other difficulties of the Merino sheep.

It is interesting to note that pigs thrive remarkably well under the Kenya climate and develop size in this country more rapidly than in many other tropical lands probably owing to the circumstance that their feed is plentiful and always available at extremely low prices so that pig fattening where bran lucerne and maize are available in large quantities at cheap prices should easily become a staple industry. Bacon and ham are produced in excellent qualities and an export trade in these articles may probably develop.

It is stated on good authority that the existing pig stock is the direct progeny of stud pigs originally imported from England and South Africa.

To-day almost every British pig breed is to be found in the Colony where however it is stated that the pig most suitable for local conditions is the cross between Berkshire and Large Black. This of course refers to the question of breeding for the bacon trade. On the other hand there are indications pointing towards the Tamworth pig having an important role to play in cross breeding, but too little experience has so far been gained. As soon as regularity for outlets of the pig breeding industry can be arranged there is every reason to believe that pig breeding will come to the fore and generally taken up by European settlers and the natives. Attention is being paid to the already existing bacon factory where complete refrigerating and up to date machinery have been installed. As is the case among bacon curers in England so here in Kenya Colony the curers have a battle against deliveries of second class pigs.

Where horse breeding is carried on success is attained. A number of imported Arab sires have proved exceedingly useful as foundation for breeding Somali penies. Goats do exceedingly well and poultry breeding is every year assuming larger proportions.

Kenya Colony with its diversified climatic conditions and many natural advantages will undoubtedly develop and become one of the valuable jewels in the British Crown and it is only a question of time capital and settlers. There are now about 2,600 Europeans regularly engaged in agricultural pursuits. An area of nearly 5,000,000 acres has been set aside for occupation by Europeans while another area of approximately 2,000,000 acres is held available for alienation. Of the area already allotted 4,600,000 acres are already in occupation. The total cultivated area is now a 500,000 acres showing an average of about 3 for each occupier. It is estimated that

local Administration at its farm at Ambovombe in the Province of Fort-Dauphin, and secondly by the Tourcoing Chamber of Commerce at Andrandampy in the Province of Betroka. In the first instance the idea is to obtain, by repeated cross breeding of the native sheep with Provence and Châtillonnais rams, a hardy breed capable of producing in the 4th or 5th generation a good fleece of fine merino.

The Tourcoing Chamber of Commerce on the contrary, is endeavouring to acclimatize South African merinos. Experiments so far in this direction have not been quite so successful as the results obtained at Ambovombe, nevertheless the difficulties have in a certain measure been overcome and it is hoped that the fruits of efforts will be apparent in a not too far distant future.

GOATS—Apart from the Comoro Islands and the west coast of Madagascar among the Musulman populations of the Colony where goat breeding may be said to exist goats are only found in insignificant numbers and are kept more for their meat than for milking.

The native variety, however, descends from the Nubian goat and its milking qualities are not to be despised.

They could easily be improved by the importation of the Alpine breed or even the Maltese variety if it were not feared that the latter might introduce 'Medi terranean fever,' a disease which is so far non-existent in Madagascar.

The local Administration is endeavouring to acclimatize Angora goats at its farm at Befanamy near Tuléar with a view to the production of mohair. Two kinds have been imported, one from Nairobi and the other from South Africa. The latter is proving to be far superior to the Nairobi variety as a wool producer.

As soon as the Befanamy farm has formed a nucleus of genitors experiments will be continued on a more extensive scale in other parts of the Colony.

The Administration is also contemplating the introduction of the Astrakan sheep which should thrive and be of service in certain dry regions in the south-west of the island or in the west Sakalava country.

The estimated total number of goats in Madagascar at the present time is scarcely more than 50,000.

HORSES—Horse breeding is confined to the high plateau land in the districts of Antananarivo, Ambatolampy, Antsirabe and Faratsiho. Numbers are slightly decreasing owing to the opening of new roads and the

consequent increase in motor vehicles as being a more rapid means of transport.

The principal objects of horse breeding in Madagascar are to provide remounts for the military corps, and an element of sport on the local race courses.

The Veterinary Department has made an attempt at encouraging the breeding of light draught horses for agricultural and transport purposes by introducing Brittany stallions but the experiment has met with little success, the demand for this class of animal being very small. It is true that in a country like Madagascar the draught horse which demands constant attention, good keep, special harness and an experienced driver, cannot compete favourably with draught oxen.

The local Administration, however, is desirous of stimulating the horse breeding industry with a view to encouraging a more extensive use of horses for travelling over the country roads and thus liberate for other work natives hitherto employed as *filanjana* ("palanquin") bearers. The scarcity of labour makes it imperative that everything should be attempted to obviate waste. The gradual suppression of the *filanjana* and its substitution by equine transport would be a means to attaining this end and would at the same time give a considerable impetus to the horse breeding industry. At the present time there are only some 4,500 horses in the Colony, 1,500 of which are brood mares. The insignificance of these numbers is all the more deplorable as they render the breeding of mules on a large scale impossible and it is particularly the mule owing to its hardness and sure footedness in difficult country which would be appreciated by travellers both as a riding and as a pack animal.

Donkey breeding is carried on on an even smaller scale than horse breeding doubtless owing to the fact that until recently there has been little demand for them. A certain number is now being used for transport work.

OSTRICHES—These birds introduced into Madagascar from South Africa in 1902 are thoroughly acclimatized and thrive well at the Government farm at Befanamy and on private farms in the dry regions of the south. The slump in feather prices has however as is the case in South Africa arrested the development of the industry. Breeders confine themselves to keeping a few breed animals in the uncertain hope that ostrich feathers may once more be *la mode*.

The number of ostriches in the Colony at the present time is only about 600.

Cattle Breeding in Madagascar.

By WM SUTHERLAND, Ambohi Janahary, Madagascar

Cattle breeding in Madagascar from the breeders' point of view is a very promising industry, but at present it seems to be passing through a critical stage.

Most of the cattle are owned by the native Malagasy, nearly every family possessing from one or two, to several thousands and they take great pride in owning a few very big bullocks which on the death

of the owner are killed to make *fete* and to help his spirit on the way. The horns are afterwards placed in conspicuous positions on the tomb of the deceased, or on high poles in the village. When male children are circumcised bulls are killed, and the father in congratulating the child expresses the wish that his progeny may be as numerous and as vigorous as those of the bull.

The cattle are nearly all of the Zebu breed, very hardy and active, and travel long distances to market with less loss of weight than perhaps any other breed. They are slow to mature but when properly fattened the meat is of excellent quality. As draught oxen they also excel as they travel faster than most other breeds and pull well. The Malagasy use them also for puddling their rice fields by driving them in herds round and round the field which has been irrigated to a depth of about nine inches. This is very trying work and they quickly lose condition. Ploughing through mud and water up to their bellies with half a dozen yelling devils in loin cloths armed with sticks chasing them round, the wonder is that they survive at all.

The hump is considered a great delicacy as it is formed of alternate layers of meat and fat. It also acts as a reserve to strengthen the animal in periods when fodder is scarce, it then becomes limp and turns over to one side. Where these cattle originated is difficult to say, but they greatly resemble the cattle of the East African Highlands though one sometimes sees one or two in a herd of pure faun grey colour with all the characteristics of the Indian Zebu. The usual colours are black and red or either of these two colours mixed with white. The pure black seems to be the best colour, but red is also good, and bulls of either of these colours are very prepotent.

There are about 7,000,000 head of cattle in Madagascar, though the number is thought to be considerably higher, but this does not appear so as the natives think that by registering their cattle for taxes it gives them a sort of title to the number registered for in the case of loss or theft they are obliged to go to the native officials for passports and give full descriptions of the missing animals. In some of the more unsettled regions this may not be the case, but generally speaking it is so. Therefore it may be taken for granted that they register all or nearly all, they possess. In any case, 500,000 would probably more than cover the unregistered ones.

The Zebu bullocks take about seven years to mature, and when fattened on open pasturage will weigh from 375 to 425 kilos, but when pit fattened will go as high as 500 kilos or more. The cows are small, weighing only 300 kilos for the best pasture fattened.

The percentage of big bullocks is very much less to-day than it was a few years ago owing mostly to the fact that the local meat works buy any class of animal for canning so long as they can get it at a low price, for with hides at high prices the meat costs very little.

Prices at present range from 125 to 250 francs for the smaller and poorer class of animals, to 450 francs for good pasture fattened bullocks and up to 700 francs for pit fattened.

There are a few thousand cross breeds near the principal centres such as Tananarive, Tamatave, Antsirabe, etc., but this cross breeding has been carried out more to improve the milk supply than to improve the quality of the beef. The bulls that are being used were imported from France and are mostly of the Normandy and Limousine breeds the former for

milk, and the latter for beef; but it must be admitted that they are far from being the best of their class. It would certainly be interesting to see the result of crosses from some of the more famous and quickly maturing beef breeds. Any improvement made so far in the way of cross breeding or the checking of disease is due altogether to the Veterinary Department which has a very capable staff, but they are greatly handicapped for want of funds and for this reason not able to accomplish very much.

In the best cattle country "ticks" are very numerous, and until such time as this pest can be kept in check through dipping there is very little hope of successful cross breeding. There are two species of tick that cause most of the trouble—the ordinary "Blue tick," and the "Bont" or "Bont legged tick," and the latter is very difficult to deal with. So far, practically nothing has been done to combat this pest.

There is not much cattle disease in Madagascar, and the native cattle seem immune. Tuberculosis causes the heaviest loss, and it may be estimated that 3%—4% of the cattle in the northern parts are infected with it, and a far greater percentage in the south. There is also a mild form of Anthrax against which the Veterinary Department inoculate each year a large number of cattle. The losses from Anthrax are, however, not high, and it may be considered that the disease is under control. The natives usually eat the meat of animals that die from Anthrax, so it cannot be very virulent.

As regards the improvement of the native breed by selection the Veterinary Department has done little or nothing and such experiments that have been carried out in this direction are due solely to European breeders. As nearly all the Malagasy breeders allow their young male animals to reach the age of three to four years before castrating them it happens, of course, that the cows are frequently mated with their own progeny, or with any nondescript animal in the herd. The result is disastrous, but could be easily remedied if the owners were obliged to castrate their animals at or before the age of one year, and to use only bulls that had been certified by a representative of the Department. The native veterinaries could easily perform those duties.

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live principally on the pear which serves as food and water, but recently an insect *Coccus Indicus* has attacked and destroyed most of it so that the problem is to find a new fodder in the way of grasses and to provide water, either by conservation or by sinking. Nothing, however, has been attempted.

Cattle thieving is rampant and the wastage caused enormous. The European breeder suffers less than

the native, who often loses half or even the whole of his herd.

The Madagascar 1927 Budget provided for Frs 207,777,000, of which amount Frs 65,000,000 are raised by the cattle taxes and taxes connected with the cattle industry. This shows the importance of cattle breeding in Madagascar.

The cattle business will certainly reach important proportions.

Illustrations page 637

Livestock Breeding in Madeira.

In this beautiful island famed for its salubrious, equable climate and good wine, where the mean temperature is only in extreme instances above 74 deg., the rearing of live stock is much neglected as is proved by the very high market prices for pork, mutton, beef, wool and dairy products. There is an abundance of splendid pasturage, and the few breeders of live stock, as mentioned below, breed successfully. The existing live stock is, however, very insufficient to meet the island's demands and there is a good opportunity for importing agricultural stud animals, especially sheep and pigs. The popular taste is in favour of the black breeds, especially the Berkshire pig and the large sized breeds would not meet with general approval. This island group consists of the islands of Madeira

and Porto Santo besides three smaller islands, which together form a Province of the Republic of Portugal. The area is scarcely more than 320 square miles and the population about 165,000. The island of Madeira is 35 miles long and 12 miles broad, and across the island runs an extensive plain, Paul de Serra. Here pasture and small farms abound and pig and sheep breeding should certainly prove very remunerative. In the lower part of the island, vineyards and orange and lemon tree plantations are mingled with small farms where fruit, coffee and arrowroot are grown. Barley, rye and wheat crops can be seen everywhere, but the chief source of income is in the part of the island where the world renowned Malmsey grapes from which the Madeira wine is derived are grown.

Prominent Breeders.

Blandy Ernest J
Gouvea A A
Hinton Harry
Leacock & Co

Quinta do Palheiro Puncbal
Re jho d Ovelha
Quinta Palme ra
Casa Branca

Reid W & A.
Roy do Camara
Turner N S L.

Quinta do Bora Sue Puncbal
Quinta Sao Jao
Quinta Esperanca

Livestock Breeding in Mauritius.

The Live Stock estimate states cattle 13,650, sheep 1,470, pigs 2,078, horses 650.

The cattle found in the Island can be divided into two main classes corresponding to the two types humped, or Indian cattle, and humpless, or European cattle, the former being used for draught and meat purposes and the latter comprising the milk animals. Most of the humped cattle originate from Madagascar stock and it is only of late that improvement has been started by crossing with the following imported Indian breeds: Hissar, Ongole, Mysore, these importations having been carried out by the Department of Agriculture soon after its inception in 1914.

As regards the meat industry, no effort has so far been made to breed cattle specially for beef, animals of the Madagascar type being used indifferently for draught or meat purposes.

Quite recently, however, bulls and cows of the Charollaise breed have been imported for the Stock Breeders Association. The milk cattle comprise representatives of various imported breeds. The main portion of the local stock appears to descend from breeds of Northern France, such as the Bretonne and the Normandy cattle but have lost most of their char-

acteristics. Of late, Friesland cattle have been introduced by the Department of Agriculture, and there is good ground to believe that this breed will successfully improve the dairy stock of the Island. The Jersey breed, too, has been imported, especially from Australia as well as some Shorthorn cattle but so far it cannot be said that the latter importations are showing marked signs of success.

Breeding of pure bred pigs (specially Middle York and Berkshire breeds) is carried out on a somewhat limited scale, being confined specially to those establishments which are engaged in butter manufacture. The mongrel pig is found in fair numbers throughout the Island more especially in labourers' compounds on Sugar Estates.

Sheep are being raised here and there in the Colony, exclusively for mutton purposes.

Horse breeding was carried out on a small scale in the previous century but had to be abandoned on account of the abundance of "ticks" and, finally, the prevalence of "Surra". Of late however, a fresh trial with the breeding of horses of the speed type

has been attempted on the littoral on the north eastern part of the Island but it is too early at present to state whether the trial will be a success or not

Mauritius acquired by England through conquest and cession in the years 1810-14 has a total area of 720 square miles with an estimated population of round about 400,000. Its export trade is worth between £9,000,000 and £10,000,000 per annum. Speaking generally the level of culture in the Island is very high owing to the fact that so very many among the inhabitants are descendants of the old French planters. In 1835 a Constitution was given to the Island according to which there are now eight official nine nominated and ten elected Members of whom a certain number is drawn from the local population. If there now and then are traces of dissatisfaction such as a rule emanates from the educated Creoles. The bulk of the population however is satisfied and general prosperity is the rule. In 1835 when the slaves were emancipated most of the Mauritius planters turned to India for labour. The result of this is that to-day the Indians born and bred in Mauritius number well over one quarter of a mill or while the other inhabitants may be estimated at 100,000

and three-quarters are Creoles. As a point of fact the agricultural Hindus hold nearly half of the cultivated land of the Colony.

As is well known Mauritius exists on its sugar production and even if during the last few years after the War there has been a slump in sugar prices it may be asserted that on the whole the Island is prosperous.

Scientific improvement of the larger agricultural estates in the Island was recommended and during the general prosperity brought to the Island during the war years through very high sugar prices many plantations were modernised and new machinery acquired in the sugar industry. Mauritius however complains of lack of closer contact with Europe and the fact remains that she is four weeks distant from England a circumstance that is regrettable as otherwise Mauritius would certainly become one of the best holiday resorts for English travellers. It is a delightful place full of beautiful scenery where life is easy and not too dear and in years to come undoubtedly the live stock industry will make headway and there will be plenty of room for improvements through imported Pedigree animals.

Livestock Breeding in Morocco

The Live Stock estimate for Morocco states cattle 1,943,000 sheep 9,250,000 pigs 61,000 horses 191,000

Wealth and prosperity will come to this country through agriculture. Blessed by nature in many directions conveniently situated in the north west corner of Africa soil and natural resources are such as to designate Morocco to become one of the big livestock raisers on the African continent. This fact was early recognised—indeed the Romans looked upon Morocco as their granary and for centuries vast fortunes were piled up by the Sultans and native chiefs through live stock breeding and grain cropping and if these circumstances only in comparatively speaking recent times have been known to the outside world the explanation is that the rulers were always anxious to hide their country from the inquisitive eyes of the hated Europeans. Almost 85% of the Morocco country is eminently suitable for farming. The great Atlas mountain chain separates the country from the desert to the south and east protecting the arable land from the hot desert winds. Moisture is obtained from the Atlantic and so it will be seen that the whole country is profiting from these physical advantages. When in years to come the great rivers and their tributaries are properly utilised the country can be irrigated to a very great extent for the benefit of agriculture. The rivers Tensift, Sebou and Oum er Rebja rise in the Atlas and flow in a westerly course towards the Atlantic so that construction of irrigation would be comparatively speaking easy and not too expensive. With the help of these big rivers the large plains between them especially the plain of Marrakesh could be easily irrigated and here the more often than not rich crops could be many times increased in value. The question

of irrigation however is not so easily solved as the native Tribes hold certain water rights which the French authorities are disinclined to alter or cut into. Speaking generally the climate is beautiful and the heat seldom too oppressive although of course inland the influence of the moisture from the Atlantic and the cool breezes are less felt. In some places such as Fez and Marrakesh the summers are very warm. The rainfall as a rule is regular most of it falling in the Atlas regions while in the south in the Oases of Tafilet and in the valleys of Oued Draa where the rainfall is almost next to nothing moisture is created through the abundance of small rivers crossing the country in all directions. In certain years the rain is deficient when of course bad harvests occur. In some districts such as the Casablanca, Rabat and in the Meknes Fez the rain falls in the autumn and as a rule in sufficient quantities to allow the winter sowing. The spring rains are due in March, April, December and January.

The soil is wonderfully fertile mostly a rich black soil although some light soils also can be seen. It is however a fact that in Morocco most crops thrive better in a not too heavy soil.

Although it is difficult to exactly state the area of Morocco under the French Protectorate as no real survey has ever been made it is probably correct to state that round about six million acres are now cultivated chiefly for wheat, maize, millet, linseed, cummin, seed beans and peas. Sorghum is largely cultivated and market gardening is carried on over some 15,000 acres. New areas are every year being taken up and quite possibly these figures represent a too low estimate.

In addition to this acreage, there are some three million acres of land under cultivation in Eastern Morocco. As regards Land Tenure, large areas are freehold property, while much land belongs collectively to various Tribes. The French Government have recently commenced a system according to which certain portions of these Tribal lands can be sold when it has been proved that the natives are incapable of proper cultivation. Then, the religious institutions own and hold very large stretches of land, the exact areas of which cannot be estimated as no survey has ever been permitted, and much land belongs to the "Makhzen" that is the Government. These lands are obtainable for foreign settlers on long leases, and the Government never put any obstacles in the way of tenure. Of course, the whole question of tenure in Morocco is more or less in a state of flux owing to the absence of proper survey maps, and as a result from the disorganisation of Rights that has always existed in Morocco in spite of the fact that Islamic Laws concerning real estate are very clear, leaving nothing for guess work. The French Government, however, have ever since the Protectorate was declared found it to be good policy to deal gently with the questions of land so as not to hurt the natives' susceptibilities, but it is generally expected that during the next five to ten years a very clear Land Tenure System will be worked out. The European settler, anxious to obtain land, can simply buy the same as most of the land is freehold. He has, however, to exercise great care in regard to the Land Titles and such should never be accepted for good on the face of the written word, nor should the would be purchaser entrust his instructions to a local land agent. The best way of acquiring real estate in Morocco is to acquire land from a European owner who has in his time, as a matter of course, gone through the whole machinery of ascertaining the rights. Very large areas are divided up in Government estates, and more often than not let on easy terms to tenants. During the last five years, or so, much land that formerly was used by the Tribes has now been obtained by the Government who are anxious to let the same to settlers willing to undertake proper cultivation. On the other hand, grazing land is still held collectively by a Tribe or by a number of villages. It is, however, the rule that a purchaser of arable land situated in the neighbourhood of such grazing land may utilise the grazing rights without any interference. In many parts of the country the right to graze cattle and other live stock over these natural pastures is easily obtainable from the Government against the payment of an annual small rent.

So far, fertilisers have not been utilised and, therefore, it is clear that the soil must indeed be fertile seeing that year after year since time immemorial good crops have been harvested. Most of the large estates now cultivated or purchasable, comprise from 1,000 to 1,400 acres. There is a number of well cultivated estates of 2,000 acres but not easily obtainable, while here and there estates of 6,000 to 10,000 acres exist, often belonging to well-to-do Moors. The very best land under cultivation where irrigation exists or is

easily arranged can be purchased from £12 to £18 an acre while less good land can be acquired at from £6 to £9. Unclean land requiring overhauling before cropping, is very cheap in price. These prices and conditions obtain in French Morocco, whereas in the Spanish and the Tangier Zones conditions are not so favourable, and more difficulties in connection with land tenure exist. The French Government are now working out a scheme for cutting up large stretches of fertile land into small holdings from 200 to 490 acres, with a view of creating garden farms, suitable for Europeans, but chiefly for French subjects, and these are obtainable on very easy terms of payment, or very long tenancies.

In the western part of French Morocco it may be estimated that some 400,000 acres arable land are now farmed by Europeans. Most of the farms here are from 200 to 1,000 acres in size. In the neighbourhood of Meknes and in the Sebou valley the values are higher, prices varying from 400 to 700 Frs per hectare. In the Doukkala district, and also in the Chaou district prices vary from 450 to 700 Frs per hectare. In the Zemmour district much good land is obtainable at 200 to 600 Frs per hectare, and in the coast districts in the neighbourhood of Rabat the price is 190 to 500 Frs per hectare. Lands at now mentioned prices are not irrigated, where an irrigation system well planned, is in full work the native owners very often ask and obtain 900 to 2,000 Frs per hectare but these prices may not be unreasonable as the so is in a very high state of cultivation.

In the Beni Ahsen and the Gharb districts where there is a steady and invariably regular rain fall, much and very fine grazing land exists. These districts constitute the north western part of the French Protectorate and lie in an unbroken stretch up to the mountain range. The Rivers Oued and Sebou are running straight across these lands and here the moisture is such as to keep the crops in a wonderfully healthy state, even in very hot summers. In this district conditions are probably more favourable to the European settler than anywhere else. There is a net of military railway stretching all over the land over which the farmers' products, etc., can be carried at very low transport rates, and the shipping facilities are quite good. Here some wonderful crops are raised, wheat and barley fully comparable with the very best crops in Europe. Splendid cattle and sheep are bred, generally speaking the whole district is more suited for live stock raising than anything else.

In the Taza district lying between Fez and eastern Morocco, so far, arable farming has not been possible owing to the constant warfare with the Tribes but conditions are very promising chiefly for live stock raising, while very good crops can be seen. It is a beautiful country, full of magnificent olive groves richly watered through a net of rivers, with a thrifty population spread all over. The new railway Taza-Fez will be a means of facilitating the marketing of farm produce.

Among stock breeding districts the Rabat through which the river Oued Bou Regret is winding its way to the coast is a large contributor to the cattle markets and very good cattle are bred here. In Eastern Morocco live stock breeding is also well developed owing to heavy crops of Alfa and generally splendid pastures. This part of Morocco is much under the influence of sea winds with a plentitude of moisture while the land is elevated and the soil eminently suited to stock raising. In this district there are more European breeders and farmers than in any other part of Morocco especially at Triffa close to the Beni Mountains on the Algerian frontier. This is a wide wheat growing district while barley and oats do splendidly. Many commercial crops are grown here—the Geranium from which perfumes are distilled the Arachide utilised in the cattle cake industry wine olives etc. The Angad plain is a large stretch of arable land and considerable cattle raising is taking place here. The Chaouia is a district covering more than three million acres in parts of somewhat sandy soil and in other parts of a rich black earth while farther inland the soil is reddish in colour. Several rivers are traversing the district and although cattle breeding is not so developed here it is merely a question of time when breeders will take up such activities owing to the vicinity of Casablanca one of the most important centres in the whole country. Here very good land is obtainable at prices from £10 to £14 an acre.

In the Province of Doukkala the soil is very rich and the crops grown heavy and of the very best quality. Some 850 000 acres out of a total of 1 600 000 acres arable land are under cultivation and here the population is devoting its activities exclusively to farming and live stock breeding. The land is split up in very small farms all well cultivated and very rarely is any of these for sale. Besides cattle sheep and goats are bred here and horse breeding is of late coming to the fore owing to the introduction of French stallions. Imports and exports are facilitated through the port of Mazagan. Farther on a great agricultural district the Abda Chadma Haha with Mogadore as a port is chiefly devoted to garden farming fruit growing and similar small pursuits but sheep are bred here in considerable quantities. Honey production is also an industry to which much care is devoted and Mogadore honey is an article of export everywhere in demand.

In the Marrakesh district chiefly inhabited by native Tribes a very considerable live stock industry has existed since time immemorial and here very good cattle and sheep are bred but farming is neglected the people being more given to live stock breeding. When these enormous Plains are properly irrigated—the present system being most primitive almost valueless—probably the district will become prominent for horse breeding as the inhabitants are wide awake to the benefit of crossing their indigenous live stock with imported pure bred animals. Farther north one of the finest agricultural districts in Morocco the Tadla district through which some important rivers add to the fertility is well cultivated indeed magnifi-

cent crops of wheat and barley bringing much prosperity to the cultivators.

As is the case in so many countries in Europe farming preparations commence in Morocco towards the end of October when ploughing is general all over the country. In June and July the crops are as a rule ready for harvesting and immediately the land is cleared the sowing of the second crop takes place. Among the crops in eastern and western Morocco perhaps Alfa should be given the prominence as it develops splendidly owing to the hot dry soil. Canary seed is another crop of prominence and so is the Arachide while barley probably is the most commonly cultivated crop as it supplies the materials for bread making. The sugar beet will someday take its place in crop rotation as experiments have proved the soil to be suitable but up to now the cost of transport seems prohibitive. The Cotton crop although experiments have proved successful is not so general as one would be inclined to think the reasons being a disinclination on the part of the cultivators to subject themselves to the hard work connected with the planting and the risks through night frost. Experts hold however that it has been abundantly proved that Morocco is quite suitable for cotton cultivation.

It is more likely than not that Morocco one day will become one of the largest stock raising countries on the African continent as the natives have a knack for breeding and great experience in handling live stock. Since the French Protectorate became effective the live stock has increased enormously—in fact according to Government statistics cattle increased over 17% pigs 85% and sheep 27% while it is even stated that calves and heifers have increased by 60%. The population may at a low estimate be considered at six million people and as the live stock now bred is more than sufficient for maintaining the population the question of disposing of the surplus stock will soon become a pressing one. This is being realised by many and therefore with a view of turning the surplus stock into profitable business it is recognized that it can only take place through the importation and use of suitable Stud animals. This remark may apply to cattle as well as pigs sheep and horses even goats and poultry. Although the natives are very ignorant and their methods primitive in the extreme partly owing to ignorance of how to breed to profit and partly or mainly owing to poverty which prevents the acquisition of better animals valuable animals for breeding have never been acquired and the field for improvement therefore is very large indeed. There are of course considerable drawbacks to be overcome mainly the mortality that is the result of very dry seasons. This again can be partly perhaps totally overcome through the erection of sheds against the rays of the sun and better methods for storing fodder in advance while the question of watering never properly tackled is connected with the large percentage of the mortality. The natives are however easily appreciative of the value of live stock and as already stated there is every

Morocco becoming a very large live stock raiser. All that is required is initiative on the part of already settled European farmers or the influence for good through European Breed Societies and breeders. Enterprise in arrangements for imports of Pedigree live stock and perhaps more than anything else organisation for creating local Breed Societies to promote breeding of improved cattle, sheep, pigs and horses would powerfully help to develop an already much promising industry.

The Morocco cattle almost uniform in appearance all over the country are very much of the same breed as that to be found in all the Mediterranean countries on the African side. They obtain an average weight of 300 kilos while good specimens well fed often reach 500 kilos and above. The carcass percentage is 53% to 55% and in this respect they are superior to the very same kind of cattle bred in Algeria. The meat as a rule is excellent. The oxen are strong, patient and willing workers and they fatten quickly. As milkers these cattle are not to be despised as a well cared for they easily yield up to fifteen pints of milk per day. The milk fat is considerable—3.8 to 4.2% and there is no doubt about their value as foundation stock if crossed by suitable bulls. Such attempts at improvements have been made from time to time by Italian settlers who have imported the Indian Zebu and the results have invariably been reported as quite satisfactory. The meat prices in Morocco have risen continuously during the last twenty five years owing to greater appreciation of good butcher's meat and therefore breeding and feeding should prove very profitable all over Morocco if given sufficient attention and care.

Sheep breeding is a very ancient occupation all over Morocco where the stock is now well over nine million head. The mutton is excellent in taste and flavour and the carcass percentage surprisingly high. The indigenous sheep is to be found in three different categories—the sheep of the great plains heavier than the other two, the plateau sheep light footed more intelligent and yielding very tasty meat and the coast sheep chiefly to be found along the coasts of Morocco a flat bodied animal with coarse wool and unsatisfactory mutton propensities. Its wool is low grade and only used by the natives. The sheep in the plateau districts reach an average weight of 50 to 55 kilos and are in great demand by butchers all over the country while their wool is eagerly sought for by the wool merchants owing to its fine quality. The third category the sheep generally found all over the great plains is quite a good animal as a rule black faced yielding a very fine wool of a peculiar lustre. The average production is 2½ to 3 kilos although there is many a flock in the Tadla District where the annual yield is well over 5 kilos. These sheep have been developed in the Beni Ahsein in the Gharb as well as in the Cherarda, Beni and Meskin districts and their chief characteristic is a distinct likeness to the Merino sheep. Whether they originated from Spain or the Spanish Merino and these Plain sheep were

originally taken from the Sahara districts it is well nigh impossible to state but they have many characteristics in common. They are easily fattened and when ready for the butcher reach an average weight of 75 to 80 kilos. Once upon a time not so very long ago they could be purchased at 6 to 8 francs apiece while at the present time the prices are considerably higher. The carcass percentage is about 50% of the live weight. This is a sheep that could be greatly developed through selection of rams in breeding to a certain degree and general care. Travelling towards the Atlas mountains the observant traveller cannot help being struck by the great flocks of sheep of outstanding qualities found grazing everywhere while noting at the same time that there are enormous stretches of land left unused for lack of grazing stock. Morocco will most certainly become one of the chief suppliers of mutton as and when European breeders' influence can be applied.

Turning to pig breeding many an expert holds that Morocco is one of the most suitable countries for pig breeding as all kinds of crops suitable for feeding this animal are easily grown. It is an animal however that has always been neglected in Morocco probably for religious reasons but after the French Protectorate had been declared the pig stock developed and increased by leaps and bounds and many a Moorish Tribe who prior to the arrival of the French felt repugnance to eating pork is now following the French example. The repugnance felt in Tunis and in Algiers on the part of the population for having anything to do with the pig is not shared by the Moor in Morocco and probably the pig industry will from now onwards steadily develop owing to the good prices paid in the local market for well killed pork. Most of the pigs bred in the country seem to have originated in Spain as they are distinctly of the Iberian type black with a well developed snout feeding chiefly on roots and pastures. Realising that pig breeding and feeding may more rapidly bring well being to the various Tribes the French Administration some years ago inaugurated a system by which suitable plots of land from 500 to 1,400 hectares are let at a very low rent for a term of from three to five years the rent being assessed on the basis of the number of pigs kept on these plots. The pigs are kept in herds grazing at will constantly on the move and so long as this system is practised the difficulties will always be a question of water and shelter. If one takes into consideration that the cost of feeding is exceedingly low that pork is always in demand in any local market and that the meat of the native pig is very tasty while the animal slaughters well and with a satisfactory carcass percentage it will clearly be seen that development of the pig breeding industry in Morocco is merely a question of time. There is certainly much to be done in this respect and as soon as pig breeders' Associations can be formed and pig breeding become a matter of planned action instead of the present happy-go-lucky system there is no reason why a big industry should not be developed.

The Moroccan horse is a fine animal, strong splendid as a transporter and with the care now given him through the influence of the French Authorities who have imported some good stallions from France and during the last ten years selected more than 800 stallions which are now kept all over the country at Dépôts the Morocco horse or pony might easily become an article of export. In the mountain districts this little horse seldom exceeds 14½ hands, while in the plains its height reaches 15½.

The Moroccan mule is one of the finest animals bred in the country, and very high prices are being paid such as from 5,000 to 8,000 Frcs while the average price is 5,500 Frcs for an average animal. It is an elegant animal, very easily fed, and much in vogue in the towns and cities where the Moors seem to prefer the mules to horses for light carriage work. It is stated that the Moorish brood mares are more suitable for breeding mules than horses. The speed with which these mules move is astonishing, 20 kilometers an hour, for hours on end without getting tired being the rule. For agricultural work the mules are much in demand fetching anything from 900 to 2,000 Frcs, while in many districts where the tribes cannot afford to purchase them, donkeys are extensively used. As this animal is made suitable for every kind of work to which an owner may put it prices from 800 to 1,400 Frcs are freely paid for an "all round" good donkey.

The goat in Morocco is a small sized animal, long haired, brownish, and not a bad milker. Very large herds can be seen in the Mogador district, also in the Chiadma and the Tadia districts where goat-skins and goat-hair form valuable subjects for export. Most of these skins are sold to the glove factories at Grenoble in France while the better qualities are purchased by the Morocco leather tanners in Italy, France, Spain and many other countries.

Such products resulting from live stock breeding as wool, hides and skins are in great demand in all the Morocco markets, and what is not consumed locally is exported to France. As an agricultural worker the native is quite satisfactory, and when well fed, well treated and under a firm master, he can be expected to perform his duties to satisfaction. By nature he is inclined to laziness and slackness, but when so inclined, he works well without slacking, even with energy. His chief characteristic is pride and he is, therefore, very sensitive to praise or blame. Employed in live stock breeding he is excellent, and as he is amenable to discipline, never quarrelsome, and by nature honest and good-tempered, it will be seen that there are no difficulties combined with taking up live stock breeding in Morocco in this respect. To sum up Morocco is a land of great possibilities for the farmer and live stock breeder, where conditions of life, speaking generally, are quite pleasant.

Prominent Breeders.

Abt Jean S. Rahal par Camp Mar hand. Rue de Marsse Ile 38 Casablanca
Auerentes — d. A. n. Lorma. Route Meknes Rabat Meknes
Auron — Oul d'El Hadjdj Sals. Route Fez Sefrou Fez
Abarri — Bled Dahra. Sud de Dar Chafia. Choua a Centre Casablanca
Alenda Hermanos Boulevard de Rabat 87 Clauz a Nord Casablanca
Alexandre Victor El Harria Trediers par T. H. Zemmours
Allino José Ouled Sa d Choua Centre Casablanca
André — Ouled el Hadj Fez
Alfieri — Saada Route Marrakech Nog Marrakech
Arrouy Jean El Meyssa par Temara Rabat
Arrouy — Miriet Camp Marchand
Association Agr. cole de S. Alhad Fari Gharb
Association Agr. cole des Beni Snassen Oudjda
Association des Agriculteurs et Eleveurs du Haut Gharb Gharb
Association des Agriculteurs Soualem Oulad Harritz-chtouka Choua
Nord Casablanca
Association des Eleveurs et Eleveurs de la Region de Bouznika Rabat
Association des Eleveurs et Eleveurs Franca s de la Région des Zemmours
Rabat
Bab n — Tiflet Zemmours
Balanzus — Ghaba des Chiadma B. R. Djed d Doukkala
Bardou Henri Doumet Fez
Baruk Dav d la Nanoussa Route Rabat Marchand Camp Marchand
Bastin — Ain Lorma Meknes
Baud n — Tamalet Marrakech
Benabou — M. S. Camp Marchand
Berger Louis, d. El Bahar près l'oe n Choua a Nord Casablanca
Tetouan — Had Kourt Mechra bel ks ri
Bernaudat Gaston Oued Arrimène (Guelmane) par Doum ka
Hesbas — Femmes Maroca nes par Boucheron Choua Nord Casablanca
Bismay El ene El Had Kourt Vallée de l'Ouergha Mechra bel ks ri.
El gart. Eugène B. n el Ou dene par Marchand
B. gat — Oued Yquem par Skhirat Rabat
Bignout — Saada Marrakech
Bingjère — Souk-el Djemma O. Sa d Choua-Centre Casablanca
B. ter Roger Ghaba des Ch. adma Doukkala
Bocattelle — Tamalet Marrakech Demnat Marrakech
Borel — El Gara par Ain el Ouda Camp Marchand
Boudhaballah — Reg on de Had Kourt Mechra bel ks ri

Bou Hat — Oulad el Hadj Fez
Boull er — Ain Guvi. Ho cheron Choua a Nord Casablanca
Bourotte — Ferme de S. H. Hadjdj Choua Nord P. O. Box 188 Cas
blanca
Bouta re — Bouznika Rabat
Bout er J. Henri & Richard Ain Krem Choua a Nord Rue d'Aquitaine
Casablanca
Branschwig — Mechra el Hedar S. d. Oueddar Mechra bel ks ri
Brignaudy — Ferme Bes Abbès Route de Guelmane Choua a Nord
Casablanca
Br. son Jean Les Madeles nes par Doum ka Rabat
Camel n — Ferme Sa n. Hubert Bohlhaut Choua a Nord Casablanca
Carr on, Raymond Oued Yquem par Skhirat Rabat
Caze — Ferme S. d. Fatah Mechra bel ks ri
Chambre d'Agriculture Boul el Alou Rabat
Chambre d'Agr. culture Doukkala
Chambre d'Agr. culture Casablanca
Chambre d'Agr. culture Oudjda
Chambre Consultat. v. d'Agr. culture Gharb
Chapou Frères Doma ne des Oulad Salah par Ber Rech d. Rue Aviateur
Guyennet 18 Casablanca
Chenavassa Paul Ain Lorma Route Meknes-Rabat Meknes
Clos Dr Had Kourt Vallée Ouergha Souk el Arba Gharb
Cohé-Balmé — Tamalet Marrakech
Compagnie et Fermière d'Exploitations Agricoles Hassaba Mechra bel ks ri
Compagnie Maroca ne Ferme de l'Ain Djemma Choua Centre Rue de
Tetouan 3 Casablanca
Compagnie Maroca ne Ferme de Tetorian l'enlra
Corcos — Rue Comm. Halberg & Mogador
Coquelle — Lamo e ne par Tiflet Zemmours
Courtier Louis Oulad Sa d Souk ri Djemma O. Sa d Choua a Centre
Casablanca
Cruchet — Tassoulant Marrakech
Cu. tole El ene Oulad el Hadj Fez
Dahan Frank Mogador
Dally — Oulad Said Choua a Centre Casablanca
Dassé — Tamalet Marrakech
Davi son Madame Tamalet Marrakech
Debut — Vallée de l'Ouergha Souk el Arba Gharb

Livestock Breeding in Mozambique.

The Live Stock estimate for Mozambique states cattle 340 000 sheep 6 000 pigs 12,500

In this Portuguese colony (Portuguese East Africa) with a population of about 3,250 000 and an area of 303 000 square miles divided into six districts—Cape del Gado Tete Lourenço Marqués Inhambane Zambezia and Mozambique—the exact number of the existing live stock has not been ascertained as no stock census has ever been taken but the native stock of cattle and sheep is considerable Bounded in the north by Kenya Colony from which it is separated by the Rovuma river in the west by Transvaal and Rhodesia and in the south by Natal the country is chiefly maize producing but palm nuts rubber indigo coffee tobacco and sugar are also cultivated and exported It has on the whole an unhealthy climate and the white settler is affected by

the changes in the day and night temperature The Tsetse fly is very prevalent permanently infesting certain districts which are shunned by the native breeders as Tsetse belts as their cattle perish when grazing there Organised live stock breeding does not exist and few attempts have been made to import Pedigree stud animals Yet the country has many opportunities for the live stock man and when the question of immunising cattle has reached solution there is no reason why the Mozambique Territory should not prove suitable for live stock breeding on a big scale Among live stock breeders interested in the importation of Pedigree strains the Sociedade Commercial Agricola (Ltd) of Lourenço Marqués should be mentioned

Livestock Breeding in Nigeria

The Live Stock census estimates the cattle stock of Nigeria at roughly 3 050 000 head the sheep stock at 7 697 000 and pigs at nearly 50 000 Cattle breeding is a source of income to the Exchequer as a tax is levied per head amounting to 1s 6d in some and 2s in the other Provinces irrespective of age or quality As this tax is sometimes felt rather cumbersome by the nomadic herd owners they often try to evade the same and for this reason it is possible that the number of cattle is considerably larger than officially stated Among the chief owners of the cattle herds are the Fulani descendants of the erstwhile herd owners and many of them have in recent years discarded their nomadic habits and taken up permanent homesteads and are now farming round about these Besides these Fulanis there are great numbers of natives who spend their life trekking about with all their possessions over the greater part of the country changing their grazing grounds from time to time Cattle breeding is chiefly carried on in the Provinces of Kano Bornu Zaria and Bauchi but also in the Eastern Western and Northern boundary districts of Nigeria The Hausa tribe chiefly occupy themselves with agriculture but on the whole do not take up stock raising on the same scale as the other tribes With its enormous territory about 346 000 square miles Nigeria holds out great promises of becoming a large live stock raising country and probably in the near future there will be a general improvement in breeding methods as a result of the propaganda conducted by the Veterinary Department under the Colonial Government Thus in the Provinces of Sokoto and Kano there is now a general improvement in the cattle stock Further south live stock breeding is on a smaller scale owing to the prevalence of the Tsetse fly, a deadly insect against which scarcely any cattle seem to be immune In the northern Provinces and eastwards beyond the Niger and Benue there are very large tracts of land with most valuable pastures

where large herds could be maintained but where no cattle breeding at all exists owing to the Tsetse fly Other drawbacks to live stock breeding exist such as Rinderpest and various contagious diseases which militate against successful breeding but a battle is constantly being fought against these sicknesses and undoubtedly science will some day discover ways and means whereby these can be combated The native cattle are indigenous to the country and scarcely of much value owing to in breeding having been carried on for ever so long The bulls are constantly running with the herds and indiscriminate breeding is the result Maturity is seldom reached before seven years and it requires a long time to fatten the beasts The milk yield is extremely low but the fat percentage is remarkably high As a general remark about cattle breeding in Nigeria it may be stated that the same lack of methods in handling the cattle and lack of attention to their needs that existed a hundred years ago prevails to day In spite of this backward state the Veterinary Department however holds that one or two of the Nigerian breeds could be easily improved by means of judicious selection and mating

As regards sheep breeding Nigeria offers many opportunities for an organised sheep industry and the fecundity of the native sheep breeds is quite remarkable There are three different types of sheep of which two are fairly good and could be considerably improved through crossing with a heavier type The flocks are neglected and in breeding of course takes place with the usual disastrous consequences As for pig breeding quite a valuable industry could be promoted through better stud animals Nigeria with all its many natural advantages is a country that deserves all the capital which of late is being spent on improve ments

In the Northern Provinces a considerable of horses are bred but most of these have no ticular value being bred under unsuitable

the products of repeated in breeding. In itself the material is not bad and if an extended system could be applied whereby the breeding methods were defined in accordance with rules issued by the Veterinary Department, and mating regulated locally through Stallion Depots there is no reason why the Nigerian horse should not become an animal of considerable utility while possessing commercial value. Close to the Nigerian frontier more care is devoted to the horse, the result of the pride the inhabitants here take in their horses. In the mountainous regions a type of horse is bred, more of the pony type, hardy and of considerable strength and travellers who have had occasion to make use of these ponies describe them as quite good.

Nigeria is a vast region of West Central Africa formerly administered by the Niger company comprising a considerable number of native States with a very large population which probably now approaches 25 million in number. In January 1914 Nigeria was divided for administrative purposes into three chief districts—Nigeria proper or rather the Colony the Northern and the Southern Provinces. Together these three districts or main portions constitute the Protectorate. Of course in a strict sense the Protectorate is not British Territory but for practical

purposes Nigeria is a British Colony as obviously no other civilised power will attempt any interference in its affairs. A very considerable portion of the country is covered by forests.

The importance of Nigeria, commercially and agriculturally cannot be over-estimated and the population of some of the largest towns is an indication of what has already been stated, i.e. that Nigeria is bound to develop as a huge live stock breeding country. Thus the populations of the ten largest towns are

Badagry	—	12,000
Lagos	—	1,000
Orbomoso	—	700
Ibadan	—	500
Ile-Ife	—	400
Oshogbo	—	300
Kano	—	2,000
Ede	—	1,000
Enugu	—	4,000
Oyo	—	4,500

These towns are chiefly inhabited by the Yoruba people. In the Northern Provinces most of the inhabitants are Mohammedans and the rest pagans, while in the Southern Provinces the bulk are still fetish worshippers. All the educated and semi-educated natives along the coast are Mohammedans.

The chief articles of export are palm oil and palm kernels, ivory, indigo and india rubber.

Livestock Breeding in Nyasaland

According to the official live stock census stock breeding is in a backward state, the cattle stock estimated at about 119,000 head, sheep at 68,000 and pigs at 32,000. It is however quite possible that the number of cattle is considerably larger. It is as an agricultural country that Nyasaland is bound to progress as there are no other resources available—at least so far. There are no precious metals at least in any paying quantities. Nyasaland has undoubtedly a future as an agricultural producer. The development of the Protectorate as far as can now be judged, must be along live stock producing cotton tobacco and tea cultivating lines. The country consists of a stretch of land some 40,000 square miles in extent, and is thus among the smallest of the British Protectorates in Africa. In length the country measures 520 miles in width from 65 to 100 miles. The boundaries inside which the British sphere of influence exists were fixed by a Convention with Portugal in June 1891. The boundaries are on the east, Lake Nyasa, on the south Portuguese East Africa, on the west North Eastern Rhodesia and on the north, Tanganyika Territory. It should be divided geographically into a highland portion and the Lake Nyasa portion. A considerable part of the country is mountainous. There are some considerable rivers—the Shire river the Ruwala the Songwe, the Luntupo and the Rukuru rivers all of which develop large volumes of water in the wet season but in the dry are only sufficient for the canoe.

When the last population census was taken the number of natives domiciled in Nyasaland was counted as 1,200,000 all of which belong to the Bantu race

generally tall quite intelligent people. These, however, are divided into different tribes—the Nyanja the Yao the Swahili the Angoni and the Anzuru. Cattle and sheep besides goats and pigs in smaller numbers are reared by the natives all over the Protectorate. The best cattle are bred in the Kotakota, West Nyasa and North Nyasa districts partly also in the southern Angoni and in the districts of Dowa, Dedza and Lilongwe. The best breeders are the Wankonde tribe a cattle grazing tribe proud and independent with great love for their animals. In this breed district many an excellent bull can be seen and the cows are well cared for by their owners during the lactation period. These cattle are small bodied, very compact, humped with short horns. Towards the south in the Mombasa district, the natives pay slight attention to the live stock but here the herds are considerably larger chiefly consisting of the long horned Afrkander type the bulls of which however often cross with the Wankonde cattle. As in many other districts in Africa the Tsetse fly is doing incalculable harm. A certain disease known as East Coast Fever seems to be endemic in many districts and when it ravages the calves die in enormous numbers and of course breeding is considerably affected. Very large stretches of land with splendid pastures well watered and suitable for live stock raising are now lying almost waste owing to the prevalence of the Tsetse fly. In the Angoni district large flocks of sheep and goats are bred. In the Neno Dedza and Neheu districts where conditions are favourable for the white settler a good type of sheep is bred, and as conditions for producing good wool are

here favourable, the whole district, according to the opinion of the Veterinary Department, lying in one vast stretch of land, should prove particularly suitable for European settlers. Speaking generally, the native sheep are not of wool producing strains, and therefore, the nucleus of a well paying sheep industry would have to be founded on imported animals. Probably the Welsh mountain sheep would prove a suitable animal for this purpose. Cattle raising should prove a paying proposition in the Highlands, but as the area is here limited and land fairly expensive, it might possibly turn out a non-paying venture. This is, however, a district excellently suitable for a dairy cattle industry. Along the river in the Ruo district there is also much good grazing land available, and cattle do exceedingly well here. It is stated on good authority that the Tsetse fly is almost everywhere closing up the outlets for live store exports, and thus the old cattle track from Nyasaland to Rhodesia is now being completely shut up. As there are no other outlets for the time being, the cattle breeder has only the markets within the Protectorate to rely on. With a view of grading up the native cattle in districts where it should prove suitable, the Government have from time to time imported Pedigree bulls of the Sussex, Aberdeen-Angus, Shorthorn and Hereford breeds, and lately also Afrikaner bulls from Zambesi and Zebu bulls from India, and a series of experiments has demonstrated that this is a practical measure. Especially the Zebu, the Aberdeen-Angus and the Sussex crosses have turned out well. Shorthorn and Hereford crosses have not done quite so well because local conditions have not proved suitable. The native cattle are more often than not immune against tropical diseases, but when these are very severe they succumb.

The cattle markets in Nyasaland have different requirements in regard to the type of cattle wanted,

and thus local prices vary, such as from £12 to £18 for an ox trained for agricultural work. In the northern districts native bulls can be purchased from £1 to £3 and cows from £2 to £4 apiece. Sheep and goats are entirely immune and thrive well even in the Tsetse infested district. The Government hold that imported sheep stand good chances of acclimatising as experience in the past has demonstrated that if properly protected and looked after, they easily survive. Interesting experiments have been made with crossing Merino rams on the indigenous sheep and the result has been increase of fecundity and a remarkable improvement in wool as well as in mutton. In the Angoni district a considerable number of pigs are bred, but outside this very few natives seem to care for this animal. As and when mixed farming comes more in vogue in the districts where the white settlers live, it is probable that pig breeding will develop on a much larger scale than at present. For various reasons, but chiefly owing to fluctuations in markets, there have now for a number of years been periods of highly inflated prices for Nyasaland products, followed by periods of great depression, and this, of course, has its reaction on live stock breeding. The Government are trying to make dipping compulsory all over the country and to induce the natives to discard their useless wooden plough and unproductive farming methods, and the white settlers' habits and ways of doing things will undoubtedly by degrees be taken up by the natives.

The following list gives the names of some of the more important live stock breeding concerns in the Territory:

The Chamber of Agriculture, Blantyre
The Zomba Planters Association Zomba
The Cholo Planters Association Cholo
The Mkalongwe Planters Association Cholo
The Mlanje Planters Association Mlanje
The South Nyasa Planters Association Fort Johnston
The Department of Agriculture, Zomba

Livestock Breeding in Réunion Island.

The Live Stock estimate states cattle 29,000, sheep 4,200, pigs 38,000, horses 1,600.

The island is thus a breeder of some importance, but probably the number of pigs and cattle could be considerably increased if better breeds of farm stock were known, and therefore appreciated, among the farmers. The total area of the island is about 800 square miles, with a population of about 200,000. Discovered during the early part of the sixteenth century by a Portuguese navigator, the island has long been a French colony, being administered by a Governor and a Council. The chief agricultural products are cane sugar, coffee, vanilla and tobacco. The soil is exceedingly fertile, and irrigation is arranged through an inter-com-

municating water system based on the numerous rivers. The climate is quite pleasant and in the elevated districts salubrious, although the mean temperature is about 78°. Saint-Denis, the capital, is the seat of government. Once upon a time the whole island was covered by forests which, however, have disappeared to give room for the cane sugar plantations. There are no large plains, and arable farming is chiefly carried on in the valleys between the high mountain ranges. Magnificent pastureage exists all over the island, which in many respects is an ideal spot for cattle breeding.

Livestock Breeding in Rhodesia.

The vast region in South Africa known as Rhodesia is divided into northern and southern Rhodesia enclosed by Angola the Conso British and Portuguese East Africa Transvaal Bechuanaland and the South West African territory. The Zambesi river divides Rhodesia into two portions. One portion of Southern Rhodesia is unsuitable for cattle breeding owing to the prevalence of the Tsetse fly but the area over which this pest is not in existence is of considerable dimensions in fact nearly 145 000 square miles. Southern Rhodesia bids well to become one of the largest cattle breeding districts on the African continent and breeders untiring efforts to bring the stock industry into line with modern principles are bearing good fruit. The Government are untiring in their efforts in this respect and thanks to a very prudent policy adopted some time ago in regard to land settlement, there are remarkably good opportunities for the would be settlers. Thus one fifth of the whole territory is being reserved for the natives while one fifth is already now occupied by European settlers mainly British and half of the area is still unalienated. Nearly 14,000,000 acres are privately owned but scarcely utilised waiting for development. Land is therefore obtainable as and when the country further develops. Rhodesia has already passed through the first stages of her development and undoubtedly this country affords solid advantages for those who will there take up agriculture and live stock breeding pursuits and are in possession of moderate capital.

The last live stock census estimates the cattle stock at 2,364,000 head the sheep stock at 330,000 pigs at 54,000 and a small number of horses. Much of Rhodesia is splendidly watered and suitable for farming. Wheat and rice grow well indeed and the coffee plant seems to thrive. Rhodesian tobacco is now a commercial crop of some magnitude and as the quality is excellent, there are many indications pointing towards Rhodesia becoming a large supplier to the international tobacco trade. The large stretches of tableland seem especially suitable for grazing of live

stock which thrive here and develop good size and shady trees everywhere protect against the hot rays of the sun. So rapidly has the Rhodesian live stock industry lately developed that the annual consumption by the local towns and the shipping trade now can be met. The yearly local consumption absorbs more than 100,000 head of cattle. Having adopted a very rigorous dipping policy which is now everywhere ruthlessly carried out, Rhodesia is almost free from contagious cattle diseases. From a very small commencement only a few years ago the Rhodesian cattle ranches have so quickly developed that there are now some fifty ranches holding 2,000 or more head of cattle some 120 holding 1,000 or more and ten with 5,000 or more head. The indigenous cattle are slow maturing and small sized and require a fairly long time for fattening but they are extremely hardy and prolific and have proved good material for grading up. Through experiments and resulting from fairly long experience of English breeders it is now stated on good authority that almost every British cattle breed is suitable for crossing with the indigenous breeds—the Matabele the Mashona and the Angoni cattle. Probably the Hereford breed is the most suitable but Sussex, Red Poll, Aberdeen Angus, Lincoln Red and Devon bulls have been imported and proved suitable for grading up purposes. In the dairying districts of Southern Rhodesia there will gradually develop great scope for milk producing breeds such as Friesians, Ayrshires and Jerseys. The Welsh black cattle should find a good demand as and when this excellent breed becomes better known. A cross breed that seems to suit Rhodesian conditions and capable of growing into big size while developing good fattening propensities—the cross between the Afrikaner native cattle and English bulls especially of the Hereford and Sussex breeds—deserves attention. Sheep and pigs do just as well and pig breeding has for the last few years attracted more attention from the smaller ranch owners. Arable and mixed arable farming seems to absorb a greater area owing to the expanding local consumption.

For Breeders of Pedigree cattle sheep pigs and horses in Rhodesia see page 433

Livestock Breeding in Rio de Oro

Although this territory a Spanish colony in Western Africa extending along the Atlantic Coast between Cape Blanco and Cape Bojador is nearly 72,000 square miles in area it is a small country compared with its powerful neighbours. The population is likewise insignificant scarcely more than 200,000

but the breeding of cattle and sheep has developed chiefly owing to the fact that the colony has long been administered in connection with the Canary Islands. The soil is fertile and the main article of export is dairy products. The number of cattle sheep and pigs is unknown.

Livestock Breeding in Senegal.

Since the year 1902 this French colonial dependency has developed its chief resources timber export and ground nuts. The breeding of live stock is still insignificant partly owing to the unhealthy infertile nature of the country the enormous forests and the inclination of the natives to spend their time on carpet weaving making gold ornaments and pottery. The colony includes large tracts of grazing land on the lower Casamanza and in the districts of Goree Dagana Bakel etc. The river Senegal which traverses the

country is navigable in the upper parts while in the lower vessels of moderate draught can navigate the whole year from the mouth of the river up to the Felu Cataract. Senegal is the first large river of Western Africa south of Morocco. It is stated locally that the breeding of a good type of pig would meet with encouragement on the part of the natives if opportunities were given them to see better types of animals than their own indigenous pig. The number of the existing live stock is unknown.

Livestock Breeding in Sierra Leone.

The Live Stock estimate for Sierra Leone states cattle 42 000 sheep 12 000 pigs 4 000 horses —

Among the four colonies which now comprise British West Africa Sierra Leone is the oldest. Once upon a time this colony was considered one of the richest countries on the African continent and explorers and adventurers from many countries chiefly from Holland England and France established trading stations on the coast from which slaves gold ivory and cattle hides were exported in very large quantities. On the other hand few colonies have been so slandered in regard to the climate as Sierra Leone and while the climate certainly is not among the very best it is neither so bad nor so murderous as is often stated. Since 1827 the population has increased eight fold. The total area is to-day 27 000 square miles. It was declared a Protectorate in 1896. Politically Sierra Leone is divided into a Colony and a Protectorate. The last census was taken in 1921 when the population was estimated at 84 500. While in the Colony the language is English as are the laws and the faith Christian the population in the Protectorate comprise a number of different tribes such as the Mendes the Ternnes the Foulahs the Konnos the Limbas etc. most of whom are Mohammedans. The total population in the Protectorate according to the last census was then 14 56 000.

The country is well watered through a number of rivers of which the Mano River forms the boundary between Sierra Leone and Liberia. A railway now connects the capital Freetown with the terminus at Pendembu near the frontier of French Guinea and motor roads have been constructed between Freetown Waterloo and Lumley Beach. From an agricultural point of view Sierra Leone is a producer of some magnitude. An interesting farming system is in vogue known as shifting cultivation through which after a crop has been taken the soil is left to revert to bush

and lie fallow for a number of years until it is again brought under cultivation. The main crop is rice and other crops are ginger cassava and potatoes. While live stock breeding has not so far assumed any dimensions worth mentioning there are great possibilities and the Government Department for Lands and Forests in charge of a Commissioner with a Special Division for Agricultural Forestry are anxious to develop live stock breeding. A good commencement has been made by means of educating the native to the value of live stock as a means of improving the fertility of his land and live stock farms are being inaugurated in various parts of the country. At the Government cattle farm in the Timne country satisfactory progress has been made through grading up the native cattle with imported bulls. Sheep as well as pigs thrive well. No live stock census has been taken. It is chiefly in the northern Province that there are immediate prospects for extending live stock breeding on improved methods and the Commissioner of Lands and Forests states that the question of improvement of the indigenous cattle together with the importation of Pedigree stock is at present engaging the attention of his Department. The development of Sierra Leone is closely connected with development in agricultural Research. As one of the oldest centres of British influence in West Africa and one of the nearest tropical colonies to England with a steadily extending railway system Sierra Leone should soon forge ahead. The three dominant features in the development of the colony native education transport facilities and scientific agriculture are now being given close attention by the Government, and as Sierra Leone has a unique harbour it may be hoped that the development of this important Colony may continue on sound lines.

Livestock Breeding in Tanganyika.

According to the official census, the estimated cattle stock in the Tanganyika Territory is now nearly 4,000,000 head, and the sheep stock is, likewise, approaching 4,000,000. The number of pigs is unknown, and in any case very insignificant, and of horses few are bred. The future development of this vast, interesting territory undoubtedly lies along the road leading to a highly developed live stock industry. The natives in the territory are keen live stock men and they understand the business. The various settlements of German, Dutch and French farmers and breeders act as an eye-opener to the native as to what can be done through good methods, and the example seems to be bearing fruit.

The Veterinary Department, Tanganyika Territory, has on several occasions reported a greatly increased export of hides and skins, testifying to the fact that the Department's untiring efforts in encouraging the natives to adopt better methods in breeding their herds and flocks are bearing fruit. Pedigree bulls of various strains have been imported, and the natives are having their eyes opened to the great possibilities of increasing their welfare through better methods in stock breeding. The arch enemy of the live stock is, of course, the Tsetse fly. Practically speaking, there is only a broad, central stretch of land, lying north to south and covering less than one third of the total area of the territory which is free from this pest. In this stretch of land the live stock is crowded—as a point of fact there are more cattle grazing here than the district can properly sustain and therefore very often many a cattle breeder takes his courage in both hands and moves his cattle into the Tsetse fly areas in search of grazing when the season is dry, hoping against fear that nothing may happen. The Veterinary Department is fighting an unceasing battle against this insect, hoping finally to destroy it. Rinderpest is however, the chief source of trouble. In 1923 it ravaged terribly in the large district lying between the River Ruaha and the central railway system. The Veterinary Department has been drawing a cordon along the river to prevent the plague reaching the remarkably rich Iringa district, a measure that has proved very successful. These drawbacks, however, can only be overcome through scientific research, and very valuable such is continuously being undertaken at the Veterinary Pathological Institute at M'papa.

Not long ago the Tanganyika Government adopted a policy in regard to Native Administration, the pronouncement of which caused considerable interest not only in the territory but in all other territories in South and East Africa. There is a belt of Tablelands stretching from Cape Town all the way to Nairobi on which conditions for white settlers are favourable. The problem of securing a permanent future for the white settler in Africa is bound up with the possibilities for him to create a living and an acceptable existence

for his family, and the solution is, to day, as it has always been and will remain for many years how to adjust the relation between him and the black races. There are now $1\frac{1}{2}$ millions of white people in South Africa, some 37,000 in Southern Rhodesia, some 6,000 in Northern Rhodesia, probably 1,700 in Nyasaland, 14,000 in Kenya Colony, and 3,500 in Tanganyika. When recently it was decided to open fresh areas in the Tanganyika Territory for white settlement, it was officially recognised that forces of circumstances and the "White man's problem" are now irresistible. The problem of Tanganyika therefore, is really the problem of the whole of South Africa. While the proportion of black to white in South Africa is 4 to 1, in Tanganyika Territory it is 1,500 to 1. From this proportion it is evident that Tanganyika would never be able to develop its magnificent natural resources, should the blacks die out or fall a burden to the Government—indeed, any calamity happening to the black population would immediately cause a grave financial crisis and an economical upheaval, obviously reflecting on the well being of the white settlers. This problem, everywhere in the forefront where the white settlers work in the territories of the black population, is perhaps more evident in Tanganyika than elsewhere. The Tanganyika Government, in adopting this well considered policy, have, therefore, largely contributed to solving the "Black—White Problem". The new policy rests on four corner stones—1, native contentment to satisfy which the natives must be given an absolute sense of security in regard to their land. This has been done in close communication with the native Chiefs. Then, 2, the natives are entitled to a seat and representation in the body politic. To-day they are better educated they think for themselves and their thoughts form different view points, to deny them political participation would be unwise, perhaps dangerous. Their minds must be occupied, and with this in view, it is part of the Tanganyika Government policy to support the Chiefs in their politically important position as such, so that their traditional power to control and punish their tribes can be preserved. Further 3, the Government are encouraging agriculture and live stock production and the Administrative Officers are told to exercise their greatest efforts towards inducing the natives to become producers of exportable crops and of food in excess of their own individual requirements. Furthermore 4, part of the new policy tends to ameliorate the social conditions under which the native population lives. This has been done in several ways, through agricultural and live-stock breeding measures, through education, through sanitation and through more social intercourse between whites and natives, and so on. Public health first and last, is the mainstay of well-being and this is having the undivided attention of the Government.

from the Tanganyika central line. This land is exceedingly fertile, suitable for grazing dairy cattle or mixed or arable farming, while there is excellent tobacco land. In the Mbosi area the coffee bush attains wonderful development and here also very large stretches of land are suitable for cattle and sheep breeding. When the new road system now planned, i.e. a road constructed from Igali to the port of Kituta on Lake Tanganyika to enable the producers in the Mbosi area to transport their products by road to Kituta and then by the lake steamer to Kigoma so that they can make use of the railway system to Dar es Salaam is completed, great possibilities open up for the settlers.

The Live Stock estimate in Tripoli and Cyrenaica states cattle 46 000 sheep 1058 000 pigs 1 200, horses 5 400

for the speculator but the thrifty farmer is welcomed and granted concessions on easy terms as a rule spread over ten to fifteen years. The Government are lending money for a length of thirty years at the rate of 2½% and assist the cultivator by selling him agricultural machinery and tools on very easy terms while paying him a premium for every acre cultivated. Already now satisfactory crops of barley and olives can be seen and experiments in wheat cultivation are carried on. The main point is a continued supply of water and where such is regulated excellent crops of almonds, apricots figs oranges tobacco castor oil etc are harvested. Bearing in mind that it is only seventeen years since the Italians captured this country from the Turks the progress so far made is very noteworthy. Tripolitania has turned the corner and should develop to become a not unimportant factor in the North African food supplies. The Italian Government recently started a Stud with a view of encouraging horse breeding having decided on the breeding of horses of Berberine blood with a small admixture of Arab blood. All exports of horses have been prohibited for a term of ten years and a number of prominent stallions of this horse type have been imported from Tunisia. It is chiefly as a sheep breeding country that one may look towards Tripolitania from the live stock breeding point of view.

As regards cattle it is far too early to express any opinion whether the country is suitable for cattle breeding. It is decidedly so for sheep and pig breeding and it should be possible to develop both as conditions are here very much the same as in Tunisia. By a recent decree the Government issued regulations for the inauguration of an Agricultural Office through which travelling agricultural will be moving about in the country to

for the live stock Experimental Station at Sidi Mesri. In the future the entire control and supervision of live stock breeding will be in charge of the Agricultural Propaganda Office. A report has been issued by the Sidi Mesri Station regarding selection of stud animals for the improvement of existing live stock based on zootechnical observations. The Government seem to be confident that the sheep breeding industry can be considerably developed if certain methods in breeding are adopted. The present sheep stock consists of so called Barbary sheep indigenous to the country and through a recent examination of the wool production of these sheep and the local wool markets the conclusion has been drawn that the sheep stock must be divided into three classes which should be subjected to different control with a view of classifying the Cyrenaica wool and thereby obtain better prices. Thus in the pre desert region the wool of the Barga el Beida sheep is white or whitish while the wool from the sheep in the Mediterranean region where the soil is red the Barga el Mamra sheep is red or reddish. The third classifying category of sheep is still undecided but seems to comprise sheep which yield brown or black wool. All the wool is coarse and generally marketed in a very dirty condition but it has been

proved that a substantial trade can be obtained with factories turning out coarse fabrics blankets and mattresses. The fleeces owing to the wool curls being long and conical sell well the average weight of the fleece reaching 2 kilos. It is intended to concentrate the home wool trade at Derna and Bengasi.

The stock man who might be interested in exporting stud animals to the country would find much of interest and it is stated that the local Government are anxious to facilitate the import of suitable animals. Lack of labour seems however to be the most serious obstacle to the economic development of Tripolitania as the Arabs seem to hold aloof. Once however the native Chiefs make up their minds that Italy has come to stay the labour problem will probably be solved and these tribes among which there is a number in possession of considerable wealth may possibly take up Pedigree breeding as a regular occupation. It is stated however that the Italian Government are severely taxing the tribes. Among the well to-do tribes such as the extremely wealthy Nwahi el Arbaa with 7 500 members each of whom is the owner of a number of live stock and several similarly situated tribes many would be interested in improving their stock through crossing the same with valuable stud animals.

Livestock Breeding in Tunis.

According to the latest Live Stock Census the number of cattle is estimated at 381 000 the sheep stock at 1 500 000 the pig stock at about 16 000 and horses 82 000. Sheep breeding thus forms the chief branch of the live stock industry but probably the pig holds the pride of place among the Tunisian farmers although the present stock seems ridiculously low.

As regards cattle breeding the diversity of types and breeds is remarkable and it is probable that there has been an influx of bulls from other countries. The French Normandy cattle seems to have influenced the indigenous cattle as this type can be traced here and there. Sheep breeding although a permanent source of income to the farmers is carried on in a very neglectful manner and the sheep are alternately well maintained on rich pastures or half starved when these give way during the dry season. As for pig breeding, the Tunisian pig is a nondescript animal with blood infusion from Italian Spanish Maltese and Algerian boars. The type most in vogue is the red white Roman pig but in the eastern parts of the country the Neapolitan black white pig is prevalent. Breeding of sheep is chiefly carried on in the districts of Beldja and Suk-el Arba and partly also in the district of Tabarka. Large swine herds can also be seen in these districts and as for cattle breeding while there is no system in breeding and the cattle are herded on the grazing lands and driven from place to place lately attempts have been undertaken by European settlers to maintain animals of good milk yield as the sale of milk is a highly profitable trade. There is certainly

a good field for the live stock man who could commence a breeding business by cheaply acquiring animals of the indigenous breeds and through grading-up and crossing with valuable stud animals in time work up a profitable living. The General Director of Agriculture Tunis is anxious to introduce a better system on the Tunisian farms but meets with scant interest on the part of the farmers who prefer to carry on their occupation in the same slipshod manner as their fathers did. Tunisia offers very many good opportunities for the European settler as every product resulting from live stock breeding finds a ready market locally.

Formerly known as one of the Barbary States of Tunisia is now a French Protectorate with 52 000 square miles. Physiographically the country is divided into four districts or regions—a district north of the Mejerda River the Algerian frontier to the Gulf of T fertile district which forms the eastern boundary between Tripoli and Cape Sidi el Bab; a district at an elevation of 1 500 metres; a district of pastures stretching from the plain of Kairouan called Shott Kebir in with lack of water as formed part of the last mentioned district have existed since the considerable source of water in the country is insufficient.

operations in 1813 and continued them until his death in 1867 Edwin Hammond of Middlebury Vermont enjoyed wide distinction as a noted improver of the American Merino from 1844 until 1870 George Campbell of Westminster West Vermont was one of the earliest importers and improvers of the Merino and Rambouillet In 1851 he imported to New York some Silesian Merinos which had been bred purely from the Infatado Negretti family In 1863 Mr Campbell exhibited twelve Merino sheep bred at his Vermont establishment at the International Exhibition at Hamburg His was the only American flock on exhibition and they were in competition with 913 Merinos from France Italy Austria Russia and Germany He succeeded in taking two first and one second premiums These twelve sheep were sold to Count Shen Thors of Silesia for five thousand dollars

The American Merino Sheep Breeders Association was the first sheep registry organization to be perfected in the United States It was organized in Ohio in 1875 and blood lines acceptable for registration were restricted to flocks tracing in unbroken lines to the original Spanish importations and excluded any admixture of blood lines originating from importations from France or Saxony The Vermont Merino breeders perfected a similar organization during the late seventies Since the early American improvers of the Merino had no generally accepted type set as a goal very naturally several distinct types were developed in the early days of the finewool industry The Vermont breeders selected the breeding stock from the standpoint of weight and density of fleece Wrinkles or skin folds were developed and intensified and this no doubt at a considerable sacrifice of uniformity of quality and length of staple Merino breeders in Western Pennsylvania West Virginia Ohio and other States bred along plainer lines perhaps giving more consideration to constitution and conformation of the animals as well as to the quality and length of staple In consequence of these variations in the type of the Merinos in the different sections new record associations were organized from time to time until in 1904 when there were some nineteen or twenty Merino registry organizations actually functioning A marked forward step was taken by the American Merino breeders in 1906 when a meeting of the representatives of the numerous Merino registry associations was called at Columbus Ohio for the purpose of perfecting one strong organization

The present day American and Delaine Merino Record Association was the outcome of that meeting The new association recognized all organizations which had been recording Merinos tracing back to the original importations from Spain regardless of type It was decided to designate the different type Merinos as A's B's and C's instead of continuing to use all of the names heretofore used The A type is the extremely wrinkled one the B type perhaps has a little more scale than the A with rather heavy folds on neck flanks thighs and at tail head—the

sides being comparatively free from prominent folds while the C type which is generally referred to as a Delaine Merino should be free from folds other than on the neck and should show a good flank as well as being free from folds on the thighs The American and Delaine Merino Record Association is to-day credited with more than 600 active members who are actively engaged in the production of Merinos in all parts of the United States

The American Rambouillet Sheep Breeders Association was organized in 1889 at Pontiac Michigan The present membership totals nearly eleven hundred with total registrations of 221 425 Rambouillet sheep Registrations during the past year totalled 20 753 and Pedigrees are now being accepted for the 46th volume

The International von Homeyer Rambouillet Club Record was perfected in Detroit Michigan in December 1902 Under the rules of that organization no sheep whose breeding did not trace in unbroken line through sire and dam directly to the von Homeyer flock was eligible for registration Only one record volume was issued by the von Homeyer Record Association although it is important to here emphasize the fact that this strain of Rambouillets has played a prominent role in the development and improvement of the American Rambouillet to the present standard of perfection that has now been attained

Among the more prominent breeders who have contributed their skill toward the improvement of the American Rambouillet were Thomas Wyckoff Davisburgh Michigan A A Wood & Sons Sahne Michigan W G Markham Avon NY Orth Brothers McCuffey Ohio F S King Brothers Laramie Wyoming John Seeley Mt Pleasant Utah R A Jackson Dayton Washington and Bullard Brothers Woodland California The late W S Hansen Collinston Utah was one of the first American breeders to devote his attention toward the development and improvement of the polled Rambouillet This line of breeding was taken up a number of years ago by Mr T L Drisdale Juno Texas who during more recent years has developed an outstanding polled Rambouillet producing a high yielding clip of staple wool of a quality probably unsurpassed in America

Although the sheep industry of America dates back to the time of the early settlement of the Spanish Colonists it is believed that no real improvement was made in the sheep breeding operations until after the importation of the finewool sheep to America about 1800 It is estimated that there were approximately 5 000 000 sheep in the United States at the beginning of the 19th century By 1840 this number had increased to more than 19 000 000 head producing 35 804 000 pounds of wool per annum Of this number 18 807 000 were reported to have occupied ranges east of the Mississippi while only slightly more than 503 000 grazed on the ranges west of the Mississippi

The Spanish territory now designated as the State of New Mexico is known to have been stocked with sheep not later than some time during the 17th century

It is generally known that the sheep owned by the Spaniards in this territory were of Spanish origin, but all writers are not in agreement as to the breeding of these sheep. Some authorities believe that the early Spanish sheep consisted of Merinos, at least in part. However, it is quite generally believed that these sheep were a coarse wool type that sheared a very light fleece of wool. It is said that in 1750 sheep formed the chief element of agriculture in New Mexico. Spanish sheep were introduced into California as early as 1773 although any real improvement in the breeding of the sheep in these States did not begin much before 1859. The first blooded Merino rams are reported to have been driven across country from Kentucky to New Mexico in 1859 by a Mr. George Giddings.

New Mexico was the first chief source of supply of breeding ewes for the western range States, and beginning in 1852 large numbers of these sheep were driven to California and in later years to the north-western range States. Beginning in the early eighties, large numbers of the New Mexico sheep were driven to Texas. The fleece weights of the unimproved Mexican sheep averaged around 15 pounds at that time. They were a hardy strain and were able to withstand the unfavourable range conditions that they very frequently met. They responded very readily to the improvement sought through the use of the improved Merino rams on the Mexican ewes and the first cross is said to have yielded almost twice as much wool as the unimproved dams. The prices realized for the unimproved Mexican sheep during the early eighties were sometimes very small, however, it enabled the men of small means to at least acquire a small number of these sheep, which they might possibly not have been able to do had the prices been higher.

Mutton was a secondary consideration of the sheep breeders east of the Mississippi River until the prices of wool began to drop after the Civil War. However, the decreasing profits of wool growing and the increasing popularity of mutton as a food have effected a considerable change during the ensuing years. By 1890 one half of the sheep between the Alleghenies and the Mississippi River were estimated to be carrying mutton blood. The Eastern breeders leaving the task of the production of finewool to the western range States. The English Breeds were formerly objected to by flockmasters operating on the western ranges due to the fact that (1) they are not sufficiently hardy to thrive under the severe range conditions under which the industry must be conducted, (2) they cannot be as successfully herded in large flocks as the finewool Breeds, (3) their fleeces are inclined to be torn out by the brush, and (4) the English mutton Breeds are not as well adapted to the climatic conditions maintaining on the south western ranges as are the finewool Breeds.

Wool production was one of the primary objects of the flockmasters who engaged in the early range sheep business. In those days the industry was not on a lamb marketing basis, consequently, as a general rule aged ewes and wethers were the only classes of

surplus stock offered for sale. In 1911 practically 100 per cent. of the ewe flocks of Arizona, California, Washington, and Wyoming represented the finewool type, while the percentage of finewool ewes in the States of Oregon, Colorado, Nevada, Montana, Idaho, Utah, and New Mexico ranged from 94 to 52 per cent.

During the past twenty-five years the western and north-western range flockmasters have followed a general practice of cross breeding for the purpose of producing an early maturing lamb, possessing a desirable mutton conformation. In attaining this end the Rambouillet ewe flocks in Wyoming, Utah, Montana and to a certain extent in Idaho, have been bred to Cotswold, Lincoln, Leicester, and Romney rams. Replacement ewe stock was obtained from finewool breeders residing in areas not so well adapted to cross-breeding, however, in the space of a few years finewool ewes became too scarce to supply the demand, consequently the breeders found it necessary to turn again to the finewool rams in order to correct some of the apparently outstanding faults of their cross bred ewes, which were namely (1) the loss of the herding instinct, (2) the coarse open fleece that was too easily torn out by the brush. Since the World War the demand for wool has been fairly strong and there has been a general tendency among the north-western range breeders to resort again to a rather liberal use of Rambouillet rams. The larger operators as a general rule follow a practice of mating their coarser fleeced ewes to finewool rams and the finer woolled ewes to longwool rams. A number of Idaho and Washington flockmasters have during recent years followed a general practice of breeding cross bred finewool longwool ewes to Hampshire rams for the purpose of obtaining an early maturing lamb which fattens and develops on the bountiful mountainous summer ranges in time for the midsummer market.

Practically all the western lambs reaching the feeder markets carry varying proportions of finewool or Merino blood. The range sheep industry has necessarily been built upon the Merino foundation due to their general hardiness, wide range of adaptability to practically all types of ranges. Mr. F. R. Marshall, Secretary of the "National Wool Growers' Association," estimates that between 65 and 70 per cent of the sheep of the United States are of Merino (finewool) foundation. It is estimated that approximately 37 per cent of the sheep of the United States are either of pure or high grade finewool breeding.

In western Texas, Arizona and Southern New Mexico a large per centage of the flocks are of fine wool breeding. The finewool Breeds seem much better adapted than the mutton Breeds to withstand the hot summer temperatures which prevail in the Southwest. The finewool sheep furthermore are not only better able to withstand droughty conditions that frequently prevail in this region, but owing to their general hardiness they can also better withstand the ravages of the internal parasites. An increasing number of Texas range sheep men are breeding a large bodied finewool sheep of desirable mu

formation which at the same time is capable of producing 8 to 10 pounds of fine staple wool. Many breeders are apparently successfully crossing the Merinos and Rambouillets for the purpose of increasing the size on the Merino side and at the same time increasing the length of staple where a deficiency in this respect exists.

In general contrast to the herding system as practised by the representative wool growers in all of the other range States the Texas flocks are in most instances grazed in enclosed pastures or paddocks and the methods of management are similar to the Australian practices. This method offers several advantages important among which are that (1) the ranges will carry an increased number of livestock (2) the wool produced under such conditions is of lighter shrinkage and (3) once the ranges have been fenced the sheep can be carried at a lower cost per head per annum.

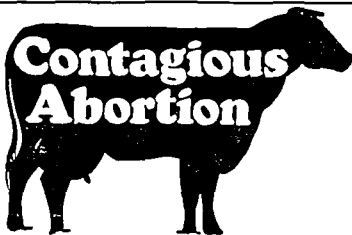
Each year upwards of 600,000 smooth-bodied Texas lambs of finewool breeding weighing 55 to 75 pounds at weaning time are shipped to the feed lots in the corn belt States at prevailing market prices paid for cross-bred lambs in the Northwest. It is true that the contractors who take over these lambs register considerable complaint about excessive skinfolds etc. and some of them are not at all backward in urging the use of mutton rams. The Texas range sheep breeders however have the range management problems well in hand and have been disinclined to accept the advice of the lamb speculators. Many large Texas operators follow the practice of breeding the more heavily folded type of finewool ewes to smooth-bodied finewool rams and of mating the smooth-bodied ewes to heavier type rams. As a result of this practice remarkably uniform smooth-bodied lamb crop is generally produced.

A general criticism that is quite generally applicable to the sheep breeders of the United States is that many of them are inclined to overlook the importance of yield of clean wool per head. Through all the many years since the introduction of finewool sheep to America breeders have been too prone to discuss the fleece weights in terms of grease pounds. Many breeders even to this day become entirely lost in the discussion of the average fleece weight figured on a clean or scoured basis. Yet this is a very important point for them to bear in mind since they are selling their product to buyers on a clean yield basis. Furthermore it is not unusual to find that a number of the ewes in a flock are producing less than half as much wool as the top half of the flock. The better strains of Rambouillet ewes in Texas are known to have produced better than six pounds of scoured wool during a 12 months growing period. Therefore is it not well worth the while of the progressive breeders to study the capabilities of their flocks in order that they might have an opportunity to enjoy an increased income as a result of an increased yield of clean wool per head due to intelligent culling and breeding? A wool and mohair scouring plant was established at the Texas Agricultural and Mechanical College Experiment

Station in 1919 through the assistance of the Sheep and Goat Raisers Association of Texas to the end that Texas flockmasters might gain additional enlightenment upon the subject of improving their wool and mohair clips. Thousands of samples of wool have already been scoured since the installation of the plant. This has not only given the wool growers an opportunity to better familiarize themselves with the quality, length of staple and shrinkage of their respective clips but the work has had its influence in causing the buyers to more closely estimate the shrinkage of the clips in the various regions from which samples originate. Upon taking up the study of fleece sampling the question: What amount of wool constitutes a representative sample and how may it be fairly and impartially drawn? immediately presented itself. No data bearing upon this subject were available at the beginning of this study. In brief numerous methods of sampling were studied however the results of these wool scouring studies with finewool sheep showed that 25 fleeces from sheep impartially selected will have a shrinkage sure to be in practically all cases within two per cent of the true value for the entire flock sampled.

Other agencies at work in the interest of the advancement of the American sheep industry are the National Wool Growers Association and various State sheep associations. The National Association has for many years looked after the interests of the range wool growers in all matters of legislation pertaining to grazing on the public domain, shipping rates, increased lamb consumption etc. The State organizations in the West have the strong backing of all the leaders of the industry and at the present time many State organizations through the leadership of the National Wool Growers Association are giving considerable thought and study to the wool marketing problem. This is a timely problem to demand the attention of the leaders of the industry since the average individual wool grower is not qualified to trade intelligently with the skilled buyer. The advantages gained through a sound marketing system have been clearly illustrated in Texas in which State during the past 18 years marketing agencies have been set up by growers at San Angelo, Del Rio and other points. Wools are consigned to these houses and subjected to buyers for sale on the basis of grades. If in the judgment of the selling committees the bids are too low they are rejected and another sale is scheduled for a later date. This method of marketing has offered considerable protection to the growers and the result has been that during the past several years Texas wools have been commanding prices slightly above those being paid for range wools in other western states.

The Annual Ram Sale yearly held at Salt Lake City under the auspices of the National Wool Growers Association is playing a prominent part in the improvement of the range sheep in the western part of the United States. Here stud rams are brought together from all parts of the United States and buyers



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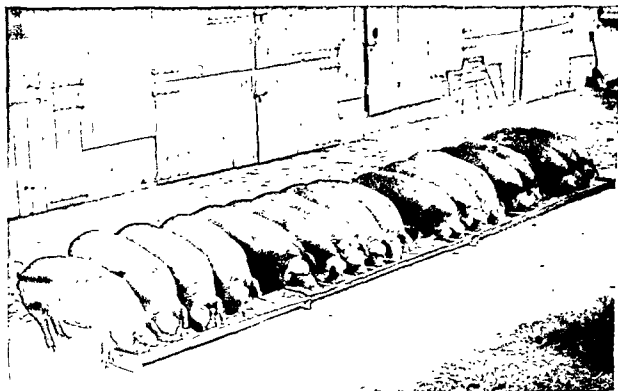
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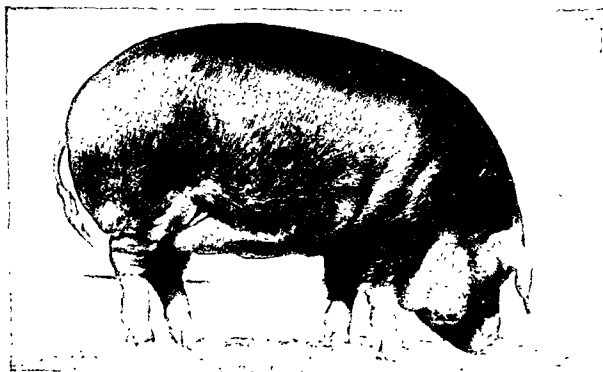
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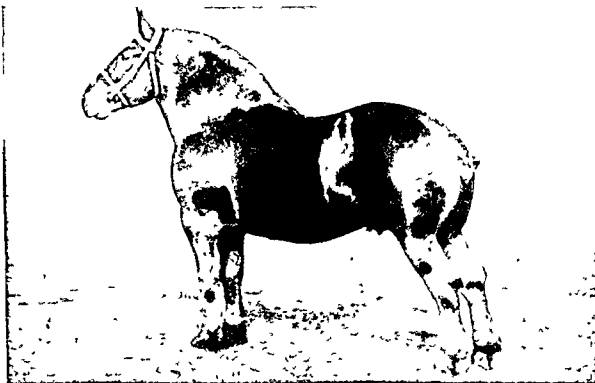
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U.S. America : National Duroc Jersey Pigs.



{ Article page 680 }

U.S. America : National Duroc Jersey Pig.



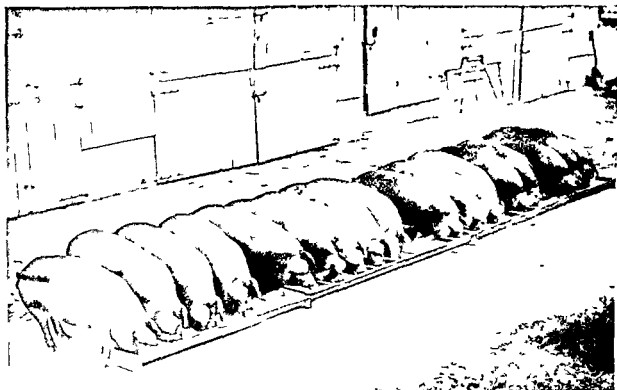
U.S. America : Percheron Horse.

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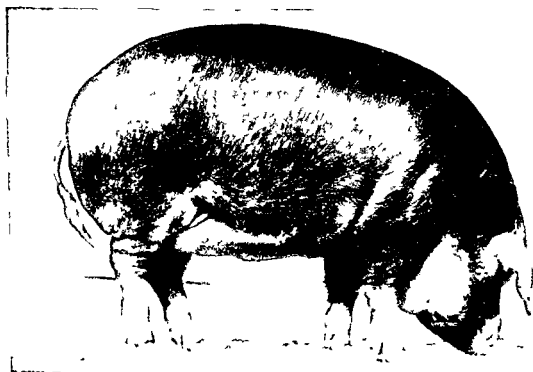
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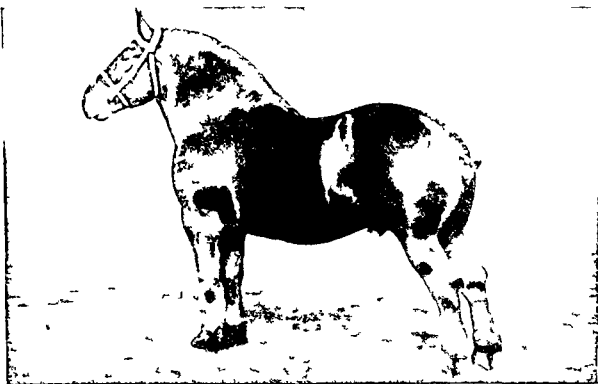
U.S. America : National Duroc Jersey Pigs.

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U.S. America : National Duroc Jersey Pig

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US America Hereford Cattle

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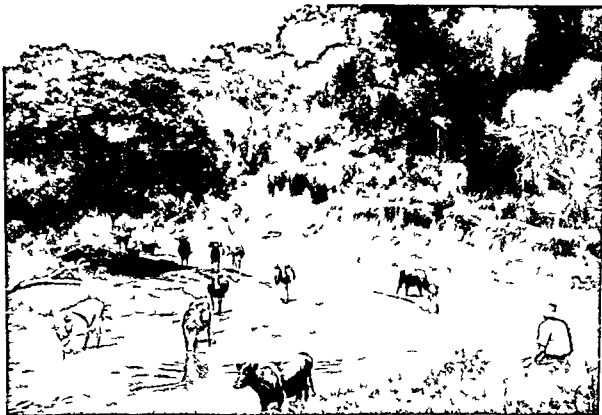
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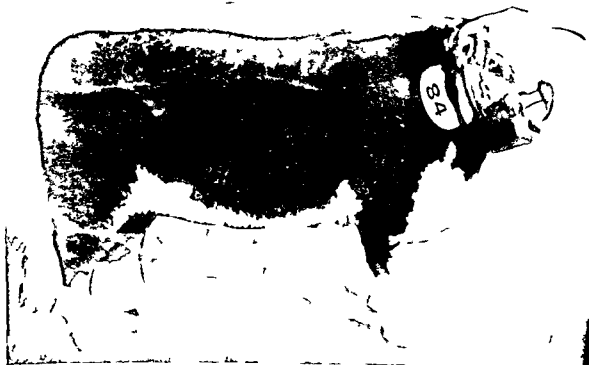
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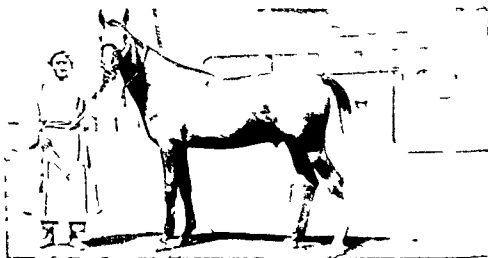
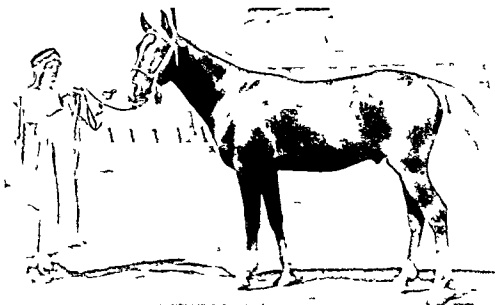
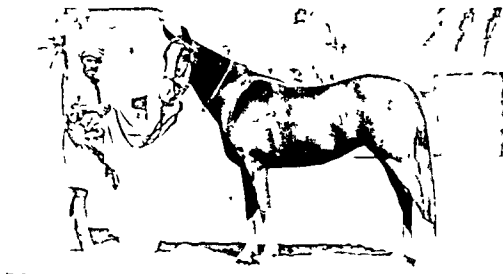
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Fiji Islands Cattle



Uruguay . Hereford Heifer.

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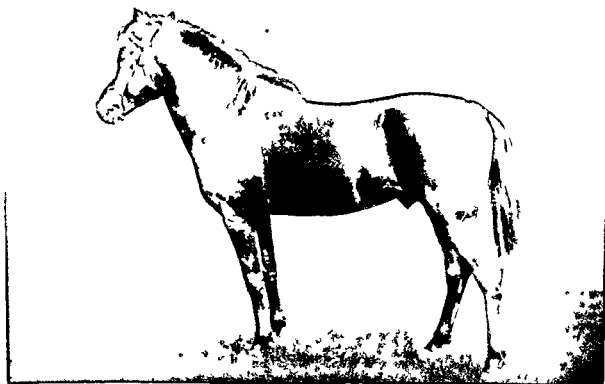


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Risha Breed.

Iraq : Thoroughbred Horses :
Hamdan-Simri Breed.

Julfan Breed.



Java and Sumatra . Sandalwood Island Horse

(A p e 801)



Java and Sumatra . Angola Cattle.

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thus have an opportunity to go over them carefully before making their selection. Following the example set by the National Association a number of State organizations have adopted the policy of holding annual sales. The Annual Texas Ram Sale which is held under the auspices of the Sheep and Goat Raisers Association has developed to be one of the largest of its kind in the country. It is unique in that a sifting committee of well qualified sheep growers pass on all entries disqualifying all animals that fail to meet the requirements set for stud and range rams respectively.

Ohio, Texas and Utah Rambouillet breeders have during the past few years organized branch associations of the American Rambouillet Breeders Association for the purpose of promoting the interests of registered Rambouillet sheep.

Perhaps no more conservative answer can be given to the question of future finewool values than that given by Messrs Winchcombe Carson Limited in their Annual Wool Review for 1927.

The question is will the world continuously absorb the ordinary run of Merino wools at recent figures. The scales between under supply and over supply are delicately balanced. Even a limited quantity one way or the other can have an appreciable influence on values. The world's population is certainly increasing. The number of people who use wool has advanced materially.

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But we are of the opinion that the distant future of prices for average Merino wool hinges to the greatest extent on an advance or otherwise in the quantity grown in Australia.

Merinos comprise about two-thirds of Australia's vast sheep flocks. That Commonwealth in 1920-21 produced 1,635,186 bales of wool and by 1920-27 the production had risen to 2,500,000 bales—a rise of 52 per cent.

The finewool breeds have not only undergone a pronounced improvement since their introduction into the United States but they have constituted the foundation of the cross bred lamb industry which has been so extensively engaged in during the past 25 to 30 years in the Western States. Since it has been estimated that there will still remain 615 million acres of permanent range grazing land in this country after every potential tillable area has been placed under cultivation it is obvious that the sheep grazing industry in the western United States is a permanent one. The flockmasters of the United States are enjoying an adequate Tariff protection against imported wool and woollen materials at the present time and if the future prices of their sales products are sufficiently high to enable them to earn a comfortable living they will at the same time be better able to lend their skill as breeders towards the advancement of the breed which has remained in the first rank since the dawn of the Christian era.

The Percheron Horse in America

By ELLIS McFARLAND Secretary Percheron Society of America

Two thirds of the pure bred draught horses of the United States are Percherons and the Percheron Society of America is the largest purebred horse record Association in the world. How the breed has attained such popularity in the less than 90 year period since the first Percheron horse was imported from France is an absorbing story.

An American traveller Edward Harris of Moores town N.J. saw and admired the hardy fast moving French dilgence horses and made an importation in 1839. Out of seven horses imported on two occasions by Mr Harris only two mares and a stallion survived the trip. Though the stallion Dilgence sired a large number of good colts these animals did not make a lasting impression on draught horse breeding in the United States.

Percheron history in America really began in 1851 with the importation of two stallions Louis Napoleon, and Normandy. The latter was better known as Old Pleasant Valley Bill. The importer was Dr Marcus Brown Circleville Ohio and his agent was Samuel Holman Chester Springs Pa. The ancestry of the two famous stallions is not recorded but they were both greys. Grey stallions were used in the district now known as The Perche as early as 1809.

Louis Napoleon is especially noted as a sire responsible for early Percheron prestige. From early ridicule he climbed to horse fame and it is estimated that from him some 400 foals were bred before his death in 1871. His male progeny were kept as stallions and sold at high prices. His descendants were all grade horses but their draftiness and good action brought farmer allegiance to the Percheron breed.

By 1870 a total of 90 stallions and 21 mares is definitely recorded as having been imported and draught horse production was established on a commercial basis. During the next 10 years 874 stallions and 152 mares were imported. The main object was still that of improving the common stock of the country but breeders produced in America pure-breds totalling 104 stallions and 115 mares in the decade. Breeders and importers alike made every effort to combine the true Percheron size and quality with unusual symmetry style action spirit and courage.

The National Association of Importers and Breeders of Norman Horses was organised in 1876 at a meeting at Chicago Illinois and late in the year the "Norman Stud Book" was published. A edition was called the "Percheron Norman". This was the first Draught Horse Register ever and was preceded as a horse register only.

General Stud Book in England Percheron replaced Norman as a designation for the breed when horsemen realized that the former term is the more accurate The true type is that found in the Perche District in France

An extraordinary period of expansion in Percheron importing and breeding in America was inaugurated in 1881 and it continued until 1890 The number of importers was trebled and the number of breeders increased more than tenfold During this time 4 988 stallions and 2 566 mares were imported and 1 920 stallions and 2 089 mares were bred in America It was a profitable decade

Depression in the value of work horses was so great during the 1891 1900 period of hard times in the United States that the incentive to breed better horses was largely lost and the registration of colts was neglected Breeders were financially unable to keep many of the good studs and the most noticeable direct effect was a widespread distribution of Percheron mares The number of breeders increased from 593 to 1 634 Many of the new owners were inexperienced handlers and the breed was damaged Only hardiness adapt ability and easy keeping qualities pulled Percherons through to survival and a steady increase in popularity

The twentieth century brought improved business conditions Percheron breeders re organized and the name of the group evolved to Percheron Society of America British purchases after the Boer war stimulated the horse market and by 1910 values had again reached pre panic levels An enormously increased number of quality horses were produced

During the World war it was estimated that 75 per cent of the artillery and transport horses used on the French front were grade Percherons In 1916

two Percheron stallions and some brood mares were exported to England

Another period of depression is apparently disappearing at the present time The strain was never so great as the disasters of the nineties There was never a time when a high class horse would not bring a good price but the average kind sold low

Percherons outnumbered all other draught horse breeds at the great 1927 International Live Stock Exposition in Chicago and they sold for more money than all other draught breeds combined An initial exportation has been made to South America and there is a brisk trade with Canada

Percheron popularity in America is based on the practical draught horse requirement of utility Heavy muscling good action clean legs and an admirable disposition have enabled horses of the breed to pass many a durability test The mares have been unusually prolific many have produced ten foals some more Percherons stand the wear and tear of years of hard work and are easy keepers Ability to breathe freely has made the horse many friends in hot climates

The last census report says that there are in the United States 70 613 Percherons 10 838 Belgians 5 580 Shires 4 221 Clydesdales and 2 938 French drafters This means that of 94 188 pure bred draught horses owned in the United States 74.9 per cent are Percherons These Government figures do represent a fairly accurate estimate of the relation of one breed to the other in numerical importance

Farmers will continue to breed the big greys and blacks Up to date 196 416 Percherons have been recorded in the United States and there are 20 000 breeders in the country Thoughtful men realize that no machine yet invented can replace the Percheron team in economy durability and dependability

Illustration on page 673

The Duroc Jersey Pig

By G G LUTHY Secretary National Duroc Record Association Peoria Ill no 5 U.S.A

The superiority of the pure bred Duroc Jersey pigs from a utility standpoint is due principally to the following reasons

- 1 Economical production
- 2 Due to their uniformity they dress out better than scrubs
- 3 They naturally appeal to the packer who will pay premiums for hogs of uniform type
- 4 Considerably less time is required for a pure bred Duroc Jersey pig to reach a marketable age

Accurate statistics compiled by authoritative interested sources proved that in 1918 the Duroc Jersey sow produced 51% of all the pork marketed

in the United States thereby making the Duroc sow and her off spring the most popular of all breeds of swine Having become the most popular it therefore naturally follows that Duroc Jerseys are the best Durocs could not have attained this universal popularity unless there was a reason The answer lies in the fact that the Duroc Jersey sow possesses inherent qualities and characteristics as a producer of large uniform litters coupled with the natural instinct to raise her progeny unapproached by sows of any other breed of swine That Duroc Jersey sows have supreme worth and merit from the standpoint of efficiency and usefulness in the breeding pen is attested by the fact that they have been given their universal recognition

by the American farmer and feeder—the court of last resort on the value of farm animals. The Duroc-Jersey sow needs no other recommendation to make secure her claim to being the most profitable brood animal on the farm, and to stand unchallenged as the world's foremost producer of meat for human consumption.

If properly fed and cared for a pure-bred Duroc Jersey hog is ready for market at 6 months of age, weighing from 190 to 230 lbs. The "ton litter contests" conducted throughout the United States in 1926 illustrate this. As closely as can be ascertained there were 768 litters which weighed a ton or over in 180 days. Many of these weighed in the neighbourhood of a ton and half with the top litter weighing 5,117 lbs. The second heaviest litter was one of 17 Durocs that weighed 4,925 lbs. These two litters demonstrate the possibilities of pure bred Duroc-Jersey hogs when given a chance, and they are beyond average farm conditions, but the majority of the 768 litters are not; for there was but an average of about 10 pigs per litter raised. Of the 768 litters, 600 were pure-bred. The Duroc-Jerseys head the list with 230 litters, followed by Poland Chinas with 151 litters, Chester Whites with 110 litters, Berkshires 34 litters, Hampshire 29 litters, Spotted Poland Chinas 23 litters, Yorkshires 12 litters and Tamworths 11 litters.

The reason that more Duroc-Jerseys than any other breed won in these contests is due to the fact that the Duroc-Jersey sow possesses inherent qualities and characteristics as a producer of large, uniform litters, coupled with the natural instinct to raise her progeny, unapproached by sows of any other breed of pigs.

The State of Illinois during the last year produced 359 ton litters, of which 170 litters were Durocs. It has been stated that any good feeder could pick a single litter and get such results, and in 1926 the State of Nebraska conducted what is known as "The Nebraska Standard Pig Crop Contest." In Nebraska a farmer who had four or more sows was allowed to enter his herd provided the sows were bred to farrow

within a period of 30 consecutive days. Of the eight herds that won in this contest five were Durocs and the first prize went to a Nebraska farmer who entered 16 pure-bred Duroc sows which farrowed 133 pigs and of these 129 reached maturity at an average weight of 1,681 lbs per litter.

At the National Swine Show of the U.S.A. held at Peoria, Illinois, in September, 1927, the largest individual animal shown was a Duroc-Jersey aged boar whose official weight was 1,040 lbs.

In the 10 classes at this Show the average official weight of Duroc-Jerseys was the largest in eight, as this table shows:

AVERAGE WEIGHT OF ALL CLASSES OF PIG BREEDS AT THE 1927 NATIONAL PIG SHOW AT PEORIA, ILLINOIS.

	Duroc	Chester	Hamp-	Poland	Tam-	York-	Spotted
	Jersey	Whites	Whites	Chinas	Worths	shires	Polands
Aged Boars	838	774	700	827	664	608	866
Senior Yearling Boars	682	626	506	689	529	473	612
Junior Yearling Boars	731	599	456	672	434	413	577
Senior Boar Pigs	488	336	318	313	305	281	420
Junior Boar Pigs	494	207	182	202	155	184	207
Aged Sows	757	831	581	767	638	599	730
Senior Yearling Sows	611	628	502	694	469	534	573
Junior Yearling Sows	597	526	445	561	405	422	538
Senior Sow Pigs	488	379	320	431	277	378	431
Junior Sow Pigs	511	189	150	198	135	177	219
Average Weight of 10 Classes	577	491	417	539	400	406	517

Duroc sows are very gentle, easily handled, and being careful mothers and heavy sucklers will always raise a satisfactory percentage of the pigs farrowed. The conformation of the Duroc sow of to-day is such as greatly lessens the possibility of the loss of very young pigs on account of clumsiness and over-laying of pigs by the dam. This is very important, as it is the number of pigs raised that counts when reckoning profit or loss in the hog business. Durocs are wonderful foragers and grazers, and make the very best possible use of all kinds of pasture. This is a very valuable asset, as it not only greatly cheapens the cost of production, but results in an abundance of exercise which is so conducive to the health of the herd and stimulates the development of bone and muscle. Being active, keen and alert, Durocs are less inclined to be lazy and lie around all day, depending on the slop pail to supply every necessity the body requires, but love to be out in the field early and late.

Illustrations page 672

PROMOTION OF DUROC HOGS

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National Duroc Record Association Peoria, Illinois, U.S

The Kentucky Red Pig.

By WOODS WALKER Lancaster Kentucky

Writing about 'Red Berkshires' I would emphasize the fact that unlike most new breeds of live stock, Kentucky breeders have not created this pig and then heralded it as a 'new' breed. On the contrary, our pigs have been bred pure for close on 80 years, but prior to that for at least a quarter of a century they were bred more or less pure, if one is to accept the statements of the men who originated them. New blood was brought in as it was needed to breed as near the desired type as possible.

John W. Walker, Hilery Gibbs and Jack Burnside were the originators of the breed. They noticed and took a liking to the red pig while they had a good opportunity for studying the hogs. In the long excursions to the South, driving continuously and feeding as they went, the 'Red' hog led the way, and to their surprise they would take on flesh faster than other types that followed lazily behind, waiting, as it were for their food to be laid before them.

These facts were also noted by the Planters from whom the feed was purchased en route. Their beautiful red coats, their wonderful loins and hams, the latter coming all down to their hock joints, their well-sprung ribs and upright ears gave them a wide awake and alert appearance. The small tapering heads indicated a scarcity of cheap meat. The big bone and straight feet showed that they were able to carry flesh day after day and stand up under it. They attracted attention wherever they went, and when they became known brought more money than any other breed driven with them. As a resulting fact, they became popular with those who owned and bred them. When the driving over these long districts at regular intervals with live stock to the Southern markets came to an end, owing to improved transport facilities, these Kentucky men continued to breed them on their farms as they found them prolific, good rustlers and easily and quickly matured. After the passing of these pioneers their descendants and neighbours kept the breed pure, and several generations since then have bred the Kentucky Red Berkshires.

We who know them regard them as the most practical for all purposes on the farm. While not widely known for their winnings in the Show Ring we still assert for them that under the equal treatment and conditions they will compare favourably with any other of the Show Breeds. Where hogs are raised only for the market, we believe the Kentucky Red Berkshire surpasses any other breed known. The sows are good mothers kind and gentle in disposition giving plenty of rich milk to the young, probably attributable to their fondness of grass and roots.

For early development we believe that the Red Berkshire is unsurpassed. The pigs respond quickly to full feed and fatten at any age desired. The meat of the hams of matured hogs is very desirable. It has a rich flavour, firm and fine fibre. The hams are in

great demand as the lean meat lies on the inside with out fat streaks, and the fat meat on the outside can be trimmed close.

I would further emphasize that we have only bred these hogs for show purposes since our organization in September, 1923. We then selected from our stock those individuals that conform as nearly as possible to our 'Standards of Perfection'. These standards are—

Head and Face—Head medium length, face nearly straight, medium length between the eyes.

Ears—Medium length, thin, slightly inclined forward, or straight up.

Neck—Short, well set to the shoulders, tapering from shoulders to the head.

Jowl—Light and tapering from neck to point.

Shoulders—Deep, medium width and fullness, well in line with back.

Chest—Large, deep and roomy, full girth.

Back and Loins—Back straight or slightly arched, with nearly uniform thickness.

Sides and Ribs—Sides full firm, ribs strong, well sprung at top and bottom.

Belly and Flank—Straight and full, flanks full and running nearly on line with sides.

Hams and Rump—Hams long and deep extra width rump, slightly rounded from loin to root of tail, buttock full neat and firm, devoid of flabbiness or excessive fat.

Legs and Feet—Legs medium length, set well apart, squarely under body, wide above knee and hock, rounded and well muscled below. Pasterns short nearly upright toes short and firm enabling the animal to carry its weight with ease.

Tail—Medium length, slightly curled.

Colour—Red.

Size—Boars, two years and over, 750, or over, sow same age 600, or over, eighteen months boar, 550, sow, 550, twelve months boar or sow, 400, six months both sexes 200.

Conditions—Skin free from all defects flesh evenly laid on.

Disposition—Docile, quiet easily handled.

The most outstanding qualities of these Red Kentucky pigs are

The sows are prolific and are unsurpassed as careful nurses and good sucklers.

Their litters are strong active and vigorous at birth.

They can be fattened for market at any age, and yet, if desirable fed to any weight from 600 to 1000 lbs.

Their flesh is the highest quality pork, containing a larger proportion of finely marbled lean and fat than any other breed.

Power of the boar to transmit the valuable qualities of the breed to his progeny when crossed with others.

Cattle Breeders.

AMERICAN HEREFORD CATTLE BREEDERS ASSOCIATION (1)
Kansas City, Missouri

Abornathy John L.	Capitol	Kan	Harris O & Sons	Harris	Miss
Adams H G	Maple H H	Kan	Hartwick Aug I	Onaga	Kan
Adams Stephen J	Cornish	Mo ne	Harwood Jay	Ionza R R No 7	Nich
Alexander, A J	Am Spring State	Ky	Hayden I d	Mora I	Tex
Alexander F A	Albany	Tex	Hayden I M	Creston	Iowa
Anderson I art E	Lamson	Iowa	Haylett Robert H	El Dorado	Kan
Andrews & Rupert	Woodlark	Nebr	Henderson Bros	Alma	Kan
Andreas John C	Manchester	Ill	H H Albert	Alexandria	S Dak
Anstey George J	Massena	Iowa	H H L W	Locust Vale	Mo
Apt S J	Stronghurst	Ill	Horming J J	Ottawa R F D 33	Ill
Ash Charles	Harristown	Ill	Hug I rank & Sons	Seranton	Kan
Atkinson Roy	Lower	Ind	Hughes Duwa n I	Meriton	Tex
Aycock B K	Madison	Tex	Husby Thomas I	Gran I Pra rie	Tex
			Hull C V	Platte City	Miss
			H H I H	Eureka	Kan
Bailey Elmer I	Seranton	Kan			
Bald Frank D	B g Poney	Mo	Isley C B	Attica	Ind
Balstead & Sons	Osston R R No 1	Min	Ivey T C	Hereford	Tex
Barngrover H M	Stockton	Cal f			
Beckett & Warren	Huawatha	Kan	Johnson Bros	Audubon	Iowa
Benmerley W J	Woodland	Calif	Johnson J W	Childress	Tex
Bennett W E	Anavillo	Tex	Junod I a d Jr	Vermilion	Kan
Bereman James H	Aurora	Ill			
B chel Fritz	Loup City	Nebr			
Biggs W L & Son	Muskogee	Okla	Keith John	Odessa	Miss
B shop B H	State Cent r R R	Iowa	Keith W L	Coffeyville	Kan
Black E B	Hereford	Iowa	Kenoyer Lewis	Kentland	Ind
Blake L M & Son	Oak H H	Kan	Keyser Ralph E	Marshalltown	Iowa
Bogert Wm B	Keswick	Va	Klaus Bros	Bendena	Kan
Boles G M	Lubbock	Tex	Kokernot Bros	Alpine	Tex
Booz John H	Larkman	Wyo			
Bradly L R	Hereford	Tex	Lacy J k	2200 Forest Kansas City	Miss
Bras r Fred	Harlan	Iowa	Lamoot R P Jr	Larkspar	Calif
Breyneier Henry	Wamego	Kan	Largent Bros	Merkel	Tex
Briggs Wm	D xon	Calif	Latham V B	Eden	Tex
Brown B M	Lall River	Kan	Leahy W T	Pawhuska	Okla
Brown Clyde T	Rushville R F D "	Ill	Lee Bros	San Angelo	Tex
Brown W	Lall River	Kan	Lewis John M	Larned	Kan (cl*)
Burkett J D	Hereford	Tex	Lewis W I	Gainesville	Tex
			Luce C A	Greenwood	Nebr
Camden J N	Versailles	Ky (s 2 & 6)	Lupton W P	Hereford	Tex
Cannary J D	Littleton	Colo			
Carroll G W & So	Jackson Center	Ienn	McCasky B J	Decatur	Tex
Cashman Thos I	Owatonna	Minn	McCown W C	Newman	Ill
Cassady E M	Whit ng	Iowa (p 4)	McArney James B	Goun	Iowa
Caulbe C M	Alba y	Tex	McVhorter & Son	Le Roy Burt	Iowa
Cavey J M & Bros	Cheyenne	Wyo	Madden & Son	Lama	Iowa
Chapman J C	Tash mingo	Okla	Mann E Harol I	Rossville	Ill
Clayton Thomas	Crate Bend	Kan	Mann ng L H	Iucson	Ariz
Cleveland Earl	Rochelle	Ill	Maples C J	D mmitt	Miss
Clopton M W	Gainesville	Tex	Marshall H W	Lafayette	Ind
Coble W F	Wauant	Tex	Masterman M I & Son	Aud ibon	Iowa
Cochran I T	Dawson	Ienn	Mathews G L	Kusley	Kan
Coder J W	Lwood	Nebr	Mettler Andrew J	Memo	S Dak
Colbert R V	Stamford	Tex	M ddition L K	Iocobantas	Miss
Cook A B	Towensend	Mont	Willard Frank L	Canby	Minn
Cook R J	Beeville	Tex	W trell W B	Marfa	Tex
Coon R S	Dalhart	Tex	Wortenson John	Sublett	Ky
Cowden Ray	Ihoenix	Ariz	Wosel Fred	Cambridge	Nebr
Cowman James	London	Kan	Moxley H O	Shelbyville	Iowa
Craighead J B	La Junta	Colo	Mulvnhill James	Cunning	
Crane Z Marshall	Windsor	Mass			
Crumph W D & Son	Lubbock	Tex	Norberg Bros	910 Rialto Bldg Kansas City	Mo
Cum m ngs J J	Donaldsville	Ca	Oxshere T G	Ft Worth	Tex
Dickey Walter S	217 N 7 Life Bldg Kansas City	Miss			
Dougherty R I	Independence	Iowa	Parkard B A	Douglas	Ariz (cl*)
Douth tt S J	New Castle	Ky	Painter John E	Roggen	Cal f
Dulaney J D	Sweetwater	Tex	Pegues J Henry	Oleary	Tex
Early J J	Darling	Miss	Pettigrew C E & Son	Flandrau	S Dak (cl2)
Eaton Harvey D	Waterville	Maine	Philips I M	Idaho Falls	Idaho
Edwards John A	Iureka	Kan	Piering W A	30 West 11th St Kansas City	Mo
E vans George J	Raymore	Miss	Potter L E & Son	Springfield	Miss
Eaulker L M	Plainview	Tex	Praddy J I	Warren	Ind
Estl Bros	North Springs	Iowa			
Fluck Harry J	Goodview	Ill	Reed Bros	Owent	Iowa
Forster Live Stock Co.	Kerford	Kan	Rch Philip J	Dorham	Conn
Forner Stock I an	Decatur	Ind	Richardson J L	Leominster	Mass
Fox Tony B	Pesano	Mch	Robinson J C & Sons	Franksville	Wm
Fischer Otto	Holtvke	Calif	Rele Charles	Jenner	Calif
			Russell Samuel Jr	Middletown	Conn
Cable H H	Espartero	Calif			
Che f E E	Arvts H H R R No 26	Maine	S		

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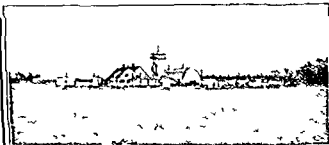
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(See also page 83, Dog Section)

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With Beauty, Gentleness, Endurance



Year	Futurity All Breeds	Distance in Miles	Test	Pounds Carried	Time		Prize Awarded Vaynesboro
					Hrs	Min	
1913	9	154	Continuous	180	30	40	1st 3d 4t
1914	4	40	Continuous	200	3	32	Stable Test
1918	1	162	Continuous	200	31	5	Stabl Test
1919	1 1/2	300	Five Days	200	51	26	1st 3d 4t
1920	1 1/2	300	Five Days	245	42	47	2d 3d 5t
1921	1 1/2	310	Five Days	245	40	4	1st 3d 5t
1922	2 1/2	300	Five Days	225	43	20	4t
1923	2 1/2	300	Five Days	225	43	0	1st 6t

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HEREFORD CATTLE BREEDERS (contd)

Stockley J C	colist Nat Bank Bldg	Birmingham	Ala	University of Kentucky Lexington	Ky (c2 3 7
Struble Elmer	Iowa City	Iowa	Iowa		8 9 11 2 11,
Stuart Allison	Lafayette	Ind	Ind		12 3 4 5)
Sullivan I J	812 East 8th St	Denver	Colo	University of Nevada Reno	Neu (c2 3 7,
					9 10 4 2 0,
					10 12 4 1 4,
					6)
Talley H A	Miami	Tex	Tex	Van Natta J W	La Fayette
Thoreson Henry	Culdesac, R R No 1	Ill	Ill	Van Winkle Roy	Webster City
Thompson J I	Martinsville	Miss	Miss		
Thompson Milton	Lees Summit	Mo	Mo		
Torgerson John A	Watson	Iowa	Iowa		
Turkington Clyde	Letts	Ill	Ill		
Turnbull John	Speer	Kan	Kan		
Turner Frank	Atwood				
Uhl Joseph Jr	Mapleton	Iowa	Iowa	Wall F I & Son	Leeton
Underwood J H	Kents Hill R R No 26	Maine	Maine	Walter Bros	Chippewa Falls
University Cornell	College of Agriculture Ithaca	N Y (c3 7 8	N Y (c3 7 8	Walthard rd Bros	Dayton
		9 10 4 5 6	9 10 4 5 6	Wiese Edward & Son	Manning
		12 p3 A1 2)	12 p3 A1 2)	Wilson R C	Belton
		8 0 10 1 3	8 0 10 1 3	Wilson Ralph & Co	Creston
		6 12 pl 2 J	6 12 pl 2 J	Yancey C I	Liberty
		5 7 A 1)	5 7 A 1)		
University of Illinois	Urbana			Yearsood J F	Georgetown
				Zsibel C H	Lake City

For American Polled Hereford Cattle Breeders see List 12 page 696

ABERDEEN ANGUS CATTLE
AMERICAN ABERDEEN ANGUS BREEDERS ASSOCIATION (2)

817, Exchange Avenue, Chicago, Illinois

PROMINENT BREEDERS

Allan J Harvey	R 2 Lexington	Ky	Ky	Hayden T S	Wyoming	New York
Ames Hobart	100 Ames Bldg Boston	Mass	Mass	Hayden A J & Son	Humboldt	Iowa
Armstrong A A & Son	Carmargo	Ill	Ill	Head & Head	Box 522 Ab lene	Tex
Bair Everett R	Stuckley	Ill	Ill	Hess H J	R 6 Waterloo	Iowa
Baldwin Corporation	Appleton	Wis	Wis	Hisel Charles & Son	Fairfield Iowa	Iowa
Bancroft C I	159 Bay State Road Boston	Mass	Mass	Hitch John	R 5, Maryville	Tenn
Beck Samuel & Son	Victor	Iowa	Iowa	Holt neer James B	Chapman	Kan
Berg W A	Arnell	Miss	Miss	Holt W A	Savannah	Miss
Blackwell J D	Fayette	Miss	Miss	Howard & Acton	Lewistown	Mon
Blake R R	Dallas Center	Iowa	Iowa	Huggins J I	R 6 Danl 1	Tenn
Blanford E E	Hayward	Okl	Okl	Huls W J	Hicksville	Miss
Bradford O J & Sons	R 5 Xenia	Ohio	Ohio			
Bradshaw A D	Smithshire	Ill	Ill	Irwin E E	Salem	Ill
Bradcliff Arms Inc	Line 11 ans	Iowa	Iowa	Jarvis Fred J	Oskaloosa	Iowa
Brothers E & Son	Victor	Min	Min	Johnston A I & Son	Kiron	Iowa
Brown F A & E W	Tuvene	Iowa	Iowa	Kahn Bros	Sedal a	Miss
Brown Mrs Irene	Rose Hill	Iowa	Iowa	Keamey O B	Lovington	Ill
Brown John A	1234 Hubbard Ave Detroit	Mich (42)	Mich (42)	Kemp Bros	Mar on	Iowa
Brown Dr Raymond	204 Scott St Joliet	Ill	Ill	Kershaw L R	Muskogee	Okl
Buckle C I	Grand Junction	Tenn	Tenn	Knox James W	Jackboro	Tex
Caldwell J S & Sons	Chillicothe	Ohio	Ohio	Krotz Joseph	Odell	Nebr
Campbell Bros	Uica	Iowa	Iowa			
Candis J W & Son	Waufield	Ill	Ill	Lafin E B	Crab Orchard	Nebr
Casbeer Bros	Burnt Prairie	Iowa	Iowa	Lantz S F	Congerville	Ill (r 11)
Cash William	Williamsburg	Miss	Miss	Larkin J F & J C	Loogootee	Ind
Catterson Hubert R	Maryville	Min	Min	Lerner Robert & Son	Marysville	Miss
Chamberlain Bros	Ireport	Ohio	Ohio	Little E G	Dresden	Ohio
Clark Walter & Sons	Knoxville	Iowa	Iowa	Ljungdahl William	R 6 Manhattan	Kan
Clive Ray H	Aledo	Ill	Ill	Lofgren & Naugle	Ada	Man
Colclasure Charles J	Yakima	Washington	Washington	Lumadue Mrs & William S	Clarks	Nebr
Concannon & Battles	Hedrick	Iowa	Iowa	Luttrell H M	Delaplane	Va (46)
Cruikshank L W	R 4 Bloomfield	Mich	Mich	Maasdam W A	Fa r r d	Iowa
Curry James	Marlette	Mich	Mich	McAdam George M	Hollos	Kan
Cutl r Dwight	140 Penobscott Bldg Detroit	Mich	Mich	McCorkindale J Don	Odeboldt	Iowa
D Kinson I J & Sons	R 3 Bogard	Miss	Miss	McCulloch George	Humerton	Iowa
Eckles W F	R 4 Green City	Min	Min	McGivray & Vortiz	Clifton H II	Miss
Escher S C	Bigelow	Wis	Wis	McLoughlin J F	Mitchell	Iowa
Fay Bros	New Richmond	Ohio	Ohio	Maley & Dornier	McKenzieville	S Dak (p 2)
Ferguson Walt r	R 5 Xenia	Iowa	Iowa	Martin G R & Son	Creswell	Mich
Finlay J R	R 4 Harlan	Iowa	Iowa	Masterson R II	Amarillo	Tex
Fitt John H	Lake City	Iowa	Iowa	Mayer M E & Son	Starrville	Iowa
Ford Glenn C	Royal Center	Ind	Ind	Mayer George A & Son	R 1 Markleville	Ind
Fornest J Dorsey	332 So. Michigan Ave Chicago	Ill	Ill	Meier Bros	McBourne	Iowa
Foster C I R	Ida Grove	Iowa	Iowa	Messer A G	R 1 Grundy Center	Iowa
Fulbertson S C	Miami	Okl	Okl	Miller H D	Cedar Rapids	Iowa
Gatton Thomas & Son	Rose Hill	Iowa	Iowa	Miss John C Jr	Hicksville	Miss
Gerbach W L & Son	Fotos	Wis	Wis	Mobley J & W D	Mc Sterling	Ill
Glick E W	Belfast	Ne	Ne	Mumbert W H	Atropa	Va
Grenshaw H W	Proff t	Ill	Ill	Neale Charles T	Gordonville	Va (c 7 1)
Hall E P	Mechanicsburg	Ill	Ill	Nordstrom Theodore	Aurora	Iowa
Hall Orchards, Inc	Beldine	Mich	Mich	Parkhurst Edw F	Pres. yale	Maine
Hanilton Bros	Good Hope	Ill	Ill	Pierce Stanley R	Cres on	Ill
Hank Bros	Cassville	Wis	Wis	Proctor Thomas E	Leopold	Mass
Harrison & Harrison	Indians	Ind	Ind			
Harrison & Ryan	Haron	Iowa	Iowa	Rathbun & Son	Calaska	Miss
Hartley Stock Farm	Ida	S Dak	S Dak	Reynolds Edward & Son	Presburgtown	Ill
Hartnell A Lane	Stearville	Iowa	Iowa	Rosenget Stock Farms	Atropa	Iowa
				Reye Albert	Tapera	Ill
				Ryan Bros	R R & Keweenaw	Ind

ABERDEEN ANGUS CATTLE BREEDERS (contd.)

Sanders Bros	R J Lancaster	Ky (s a)	Un vers ity of Ill no s	Urbana	Ill (c 1 3 7 8
Schuler A J	Chapman	Kan			9 10 s 1 3 6
Schwarm E A	Loogootee	Ill			12 p 1 s 3 4
Scollard J A	Chehalis	Wash			7 A 1)
Scrys Will am	c o Detro t News Detro t	Mich	Un vers ity of Kentucky	Lexington	Ky (c 1 3 7
Seeley W B	Mt Pleasant	Iowa			8 9 s 1 2 11
Sehmerhorn J B	1701 Mt Curve Ave Minneapolis	M n			p 2 3 4 6)
Schmucker Henry & Son	Dia rtown	Ma ne	Un vers ity of Ne ada	Reno	Nev (c 1 1
Seulke K J	Jefferson	Ind			9 10 s 9 6 10
S mmons B F & Son	R 9 Lebanon	Tex			12 A 1 1)
Small E H	Shamrock	M n			
Snyder J L	R 3 Madela	M n (p 4)	Wicks S D	R 2 Syracuse	New York (p 5)
Snyder M L	Madela	Wis	W lford M C	Canton	M n
Ste nford Walter J	Versa lies	Ky	W lkinson H P	Mitchell ile	Iowa
Sublette S G			W lkinson Walter	Prairie City	Iowa
Taggart C L	R 1 Wash gto	Pen	W lson E M	Anderson	Ind
Taylor Clayton C Jr	Lawtons	New York	W lson W W & Son	Munc e	Ind
Thompson H A	Cortland	Ind	Woodard C S & Sons	Harrodsburg	Ky
Iolan J Garrett	Farmington e	Ill	Workman Johnson	Russell	Kan
Turnbull P B	Cedar lie	Oh o	Worthley Bros	Strong	Ma n

SHORTHORN CATTLE

AMERICAN SHORTHORN BREEDERS ASSOCIATION (3)

13 Dexter Park Avenue Chicago Illinois

PROMINENT BREEDERS

Achenbach Bros	Washington	Kan	He ne R G	Ellendale	N Dak (p 1)
Amechts S B	Clay Center	Kan	H ldeeth V O	Aloda	Tex
Alata Farms Inc	Al on	New York	H ll Walter J	807 Builder s Exchange St Paul	Minn
Allen Cattle Company	Colorado Spr ags	Colo	Holland E C & Son	M itton	Iowa
Anoka Farms	Waukesha	W s	Hoply Harry	Atlantic	Iowa
Baker Frank C Farms	H ckman Mills	Kan	Hudson & Sons	Mason	Ohio
Banbury T C & Sons	Hiatt	Miss	Hudson S B & Son	Knoxville	Nebr
Bellows Brothers	Marville	W s	Hullint Albert	Sarrowsville	Iowa
Blackhawk Ranch	Danville	Calif	Huston James A	Granville	Ohio
Bloty Brothers	Dodgeville	W s	Hyde Park Farm	Palos	Ill
Branson C A & Son	Cad z	Ohio (s 5)	Ja kson C H & Sons	Avoca	Iowa
Braunau H J & Son	Belv dere	Tenn	Jackson F E	Hurley	S Dak
Brown Hay	Springer eld	Ill	Johnson H N & Son	Rapid City	S Dak
Brown & Son	Perry O Lan on	Iowa	Johnston & Auld	Quide Rock	Nebr
Brown W W	Ametia	N Dak	Jones M E & Sons	Williamsville	Ill
Brumpton Brothers	Camero s	Ill	Judy W T & Sons	hearney	Nebr
Bryan A C	Red W ng	M n	Knight Webster	997 Lin wood Avenue Pro idence	R I
Buckland Hall Farm Inc	Nokesville	Va	Kroschel N G	Harlan	Iowa
Bull Ernest M	Montee	New York	Lamm Charles & Son	St Ansgar	Iowa
Chambers J J	Sadorus	Ill	Lamp A L	inland	Nebr
Child & Anteney	Gallatin Gateway	Mon	Lathers J W	Belo t	W s
Clamp tt R R	New Prov dence	Iowa	Lawrence J H & Son	Litchfield	Minn
Claune J H	Upland	Ind	Lee Fred	Britton	S Dak
Cook & Cook	Indepen lenc	Iowa	Leeson Stock Farm	Hoopeson	Ill
Cornforth A G	Elbert	Colo	Leonard C E & Son	Dunceton	Miss
Cortner Herbert	Farmland	Ind	Leyvedez Farm	H chory Valley	Tenn
Craggie J C	Clare e	Iowa	L tle Harvey H	Evansville	W s
Crews L B	Ha eler	N Dak	Logsdon E D	Tract onal Term nal Bldg	Ind an
Curse Alex	Cando	Iowa	Loonan Lloyd J	Apolis	Ind
Curtiss C F	Ames	Iowa	McCarthy & Son	Waterloo	Iowa
Davison Estate	Flint	M ch	McConrd John & bon	Madela	Minn
Deeginger J H	Albany	M ss	McLachlan George	Palos	Ill
Dielie T W	Rancho San Jul an Santa Barbara	Calif	McLaughlin Farm	Wayne	Palos
Donald Woodward Herd	Le Roy	N Y	McLay Brothers	Maxwellton	W Va
The			McLoughl n J F	James v e	W s
Dunham & Sons	Z T, Dunlop	Iowa	McMarti n & Son	M tchell	S Dak
Dunn A D	Wapato	Wash	Marquart Brothers	P llay Claremont	M n
Earl J S	Prairie Du Ch en	W s	Martin W S	M tton Jct	W s
Eddie Brothers	Northwood	N Dak	Mathers Brothers	125 Prescott Street Boston	Mass
Evans J W, & Son	Woodstock	Ohio	May Mrs J D	Mason City	Ill
Evergreen Farm	Columbus J t	Iowa	McAugh Brothers	Granv De Center	Peon
Farley Edward & Sons	Bancroft	Nebr	Mendenhall Charles	Gardner	Ill
Fundahl Norman T	Waterville	Minn	Metzler Alva	Xerus	Oh o
Flintstone Farm	Dalton	Mass	M r Joseph & Sons	Sheward	Ill
Forsythe W A	Greenwood	M ss	M ller Stanley	Granger	M ss
Callmeyer Bros	Mechanicav le	Iowa	M ner W H	Lodi	W s
Geithecker Brothers	Li ernor	Iowa	Moorman W R & Son	Chazy	New York
Grney N H	Sedalia	M s (p 5)	Murray F A & Sons	Glen Dean	Ky
Goff R e	Iarta	Ky	Murray H D	Mazoa	Ill
Goodnow J E	Mapudaria	Iowa	Oldsen C A	Wadena	M n
Gottfredson Farms	Ype lint	W s	Olson C L	Wall Lake	Iowa
Greenold Bros	Livingston	W s	Olson Bros	Ireton	Iowa
Hale B F	Prairie View	Ill	Olson E E	Hannaford	N Dak
Hansen Jert A	R R s Mankato	M n	Owens H b	Hamnburg	Iowa
Hia ling P W	13 Dexter Park Avenue Chicago	Ill	Parker J G	Honestead	Iowa
Hla y C M	Muscat na	Iowa	Pemberton Frank	Shelbyville	Miss
			J nstall & McCormuck	Ipsw ch	S D k
				J nstall	Ill

SHORTHORN BREEDERS (contd)

Prescott C. H.	Howling Green	Miss	Taylor R. J.	Williamsville	Ill.
Prescott C. H. & Sons	Howling Green	Miss	Taylor R. J. & Son	Duval	Ill.
Prewett W. A.	Ashley, Ill.	Kan.	Teller H. O.	Farmington	Minn.
Price L. L.	Muncie	Ill.	Tenney H. J.	Washingtonville	N.Y.
Purdy Brothers	Hawes	Miss	Thieman D. B.	Harrisonville	Miss.
Ranch M. J. & Son	Roanoke	Ind.	Thomas B. A.	Shelbyville	Ky.
Reeve W. J.	Blanchard	Iowa	Thompson L. J.	Hurley	S. Dak.
Retzlaff Carl L.	Walton	Nebr.	Thompson's Farm	Euthian	Ill.
Reynolds R. E.	Lodi	Wis.	Thurman J. H. & Son	Springfield	Ky.
Roach J. Coy	Gurand	Wis.	Tilton C. L.	Maquoketa	Iowa
Robbins, J. G. & Sons	Holace	Ind.	Tomson Bros.	Carbondale	Kan.
Rollins Ashton	Dover	New Hamp.	University of Cornell	College of Agriculture	Ithaca
Rose W. W.	Rossville	Ind.			N.Y. (c 1 7)
Rosenberger W. C.	Tiffin	Ohio			8 9 10 14
Rothrock F. M.	20 Exchange National Bank Bldg	Wash.			3 6 10 13
	Spokane				1 1 10
Rowe J. D. & Sons	Davis	Calif.			Ill. (c 1 2 7)
Ryden, A. J.	Abaddon	Ill.	University of Illinois	Urbana	8 9 10 14
Rye Brothers	Avalon	Wis.			3 6 10 13
					1 1 10
Saunders C. A. & Son	Manila	Iowa	University of Kentucky	Lexington	8 9 10 14
Schaffner M. & J.	Lyce	Penn.			1 1 10
Schuerman L. R.	Mt. Pleasant	Iowa			N.Y. (c 1 7)
Seaford Frank	Hillsboro	Rex			8 9 10 14
Sears, Omar	Lapel	Ind.	University of Nevada	Reno	3 6 10 13
Sears, Virgil	Lapel	Ind. (p)			1 1 10
Shaffer E. C. & Son	Bourbon	Ind.			N.Y. (c 1 7)
Shallenberger A. C.	Alma	Nebr.			8 9 10 14
Sherman George C. & Son	Ver Falls	Wis.			1 1 10
Simpson W. Arthur	Lyndonville	Vt.	Wahls Henry G.	Garnaville	Iowa
Sloan W. C.	Wallow Hill	Ill.	White H. C.	Burlington	Kan.
Smith Leslie & Sons	St. Cloud	Minn.	Whitey Maurice	Berlin	New York
Snider Bar Farms	Cram Valley	Miss.	Wilson James & Sons	Avoca	Iowa
Spaulding E. H. & Sons	Westfield	Iowa	Wilson Thomas F.	Weldon	Ill.
Stanford George L. --	Loda	Ill.	Winnor Farm	Dundee	Ill.
Stegelin Ed	Straight Creek	Kan.	Wood W. C.	Pendleton	Ind. (p)
Stewart S. W. & Sons	Kennard	Nebr.	Wood W. S. & Sons	River Junction	Mich.
Stewart, T. B.	Warm Springs	Nebr. (A 5 8)	Wormack R. D.	Loveland	Colo.
Stone Farm Association	120 Broadway	N.Y.	Wright W. W.	Foulton	Ill.
Stork H. C. & Son	Tekamah	Nebr.	Yokan Wayne	Hedrick	Iowa

DUTCH BELTED CATTLE

DUTCH BELTED CATTLE ASSOCIATION OF AMERICA (4)

Rockville Connecticut

PROMINENT BREEDERS

Ashmann C. G.	401 Fourth Avenue	New York City	N.Y.	Kornegay W. H.	Vesta	Oklahoma (p)
Auker J. L. van	Blairtown	N.Y.		Leonard Oscar A.	Rockville	Conn.
				Leonard Rufus J.	Rockville	Conn.
Bridley Adela M.	Cocoanut Grove	Flo.		McKee W. A.	Hartington	Ind.
Buckley Wm. H.	297 So. Broadway	Tarrytown	N.Y.	McLendon R. B.	Miami	Flo.
Bundy W. P.	Converse	Ind.		Masland Leonard J.	Humboldt	Iowa
Burnham M. F.	Auburn	Maine		Memochek Jesse	Humboldt	Nebr.
Butler W. L.	Princeton	Ill.		Muel G. S.	Marengo	Iowa
Claire E. J.	114 W. Middle Street	Chelsa	Mass.	Osburn H. C. & Sons	Selo	Okla.
Clough D. W.	1 Adelaide	Mass.				Okla.
Crenshaw J. D.	Wahalla	S. Carol.		Phillips W. A.	Tulsa	Okla.
				Therrell H. M.	Harden	Okla.
Dawson John D.	R. No. 2	Lemon City	Flo.	Quakenbush Andrew	St. Cloud	Wis.
Dunn F. M. Her	Clarinda	Iowa				
DuPuis J. G.	Lemon City	Flo.				
Ferberne N. Otto E.	Chesterfield	Miss.		Ramsdel Ira J.	Hartington	Mass.
Lickson Bros.	Minooka	Ill.		Robertson Fred	Zumbro Falls	Minn.
				Roberts W. A.	Frio Town	Tex.
Feaster C. C.	Centry	Ark.		Robinson G. H.	Bangor	Mass.
Fellers Geo. W.	Freemont	Iowa				
Gingrich Mrs. L. dna	Duncan	Ill.		Saunders Frank Reed	Phoenix	Ariz.
Green J. L.	St. Louis	Miss.		Scheel Otto F.	Unity	Wis.
Gross Wm.	Kyle	Tex.		Skinner Shell	Scenic	S. Dak.
				Stevens, Frank M.	Frederick	Maryl.
Haley A. J.	Campbell	Nebr.		Stevens Fred E.	Glen Falls	N.Y.
Haines, H. F.	Fort Fairfield	Maine		Stimpson Thomas	Amos	Iowa
Harris R. H.	Lynch	Nebr.		Strader Jennie	Ceres	Calif.
Heston J. M.	Las Vegas	Nebr.		Stratton, R. M.	Castillo	Tex.
Hoffman John	T. Hamock	Ore.				
Hopkins D. D.	South Lee	Mass.		Tarr B. A.	Liberty Center	Ind.
Horning P. J.	Wells	Minn.		Thornton Thos.	Gardner	Ill.
				Twee Swenson	Parkston	S. Dak.
Jacobs, Frank	Ellis	Kan.		Turner J.	Cherokee	Iowa
Kasthen A. F.	Beach	N. Dak.		Waterbury Argel	Corkley	Iowa
Kendall F. C.	Columbia	S. Carol.		Werners F. M.	Washington	D.C.
Kinnaman E. W.	Cavert	Miss.		Wilson Jas. A.	Bruswick	Mass.
Kirby J. J.	Cavert	Miss.		Wilson Gary	Notage	Mass.
Kirby Orchard Co.	Cavert	Miss.		Young J. Fred	Elwood City	Ind.

DEVON CATTLE

AMERICAN DEVON CATTLE CLUB (5)

Meredith, New Hampshire

PROMINENT BREEDERS

A r Coll ke Co n	Storrs	Con (s6 11)	Jones M ss M S	Danv lle	Ill
I rro s Jay no 1 C	Stafford s t r i n s	Co n	K and Tom J	N nety Six	S C
Beardsley N J	Roxb ry	Con	Marshall E H	Hanover	N H
H t t i dward H	Mount Vernon	N H	Mart n W I	Lymouth	N H
B t John I	Litchf el	Con	Neal J M & Son	Merred th	N H
Carpe ter O B	Iastfor I	Co	Neal W H & Son	Mo nt Vernon	N H
Ca t t l e J d s	Concor a	Mo	Neal W J	Merred th	N H (s 1)
	Wagners	In t	Thompson R I	W lson	La
D n km t B	Brook e	Ma	Thyng Herbert M	Barnsted	N H
F kl W A	Blaks ll	S C	U ersons of New Hampshire	Durham	N H
C l l r t J l n l	N tto	Mass	Un l ersons of O t State	Col mbus	Oh o (s 10
Cr g L o v	Spnng, f l l	At			s 1 * 3 13
Harwood J I	Ch t r	Conn	Waterloo e W H	West nster	Mass
H H H	Brow k	Cal			

RED POLLED CATTLE

RED POLLED CATTLE CLUB OF AMERICA (6)

Richland Center, Wisconsin

PROMINENT BREEDERS

M lrs J B N & Sons	West Bend	W s	Ierschweiler Bros	Foley	Miss
A l rso J O	Lex ngto	Nebr	Ioster Bros	Ioley	M nn
Ar l r Roy I	Marion	Dak	Ioster C F	Colorado	I ai
Arq A J	l ldr l e	Iowa	Fourhouse Farm	Tyler	M
As l n H H	I xels or	M nn	Fru n Mark	F l l as	Ill
A l l tater D C	Aus n	M	F chs Bros	Burton	Tex
Aullfather J H	Aust n	M nn	Fuch H A & H F	Buckholts	Tex
Batten H Jol A & Sons	e Laak	M h	Luchs Mrs Henry B rton	Buckholts	Tex
I kett Harnet I	I lder	N Dak	Luchs I aul F	Brenham	Tex
Be nett Roy I	Chatsw rth	Ill	I h R A		
I er J n d o	Grand Le lge	M ch	C l l n g h n F r e I I	Granite Falls	M o
Ber er John Jr & Sons	Auburn	Mich	Goldhorn Ben	George	Iowa
I low I l & Son	Brook n	W s	Goldthly C H & J G	Clarette	Tex
Bal J S	I bon	N Dak	Good ell V S & W M	R G La Grange	Ind
Blar W lke	Crard	I an	C raff Charles	Bancroft	Nebr
B l n A s	I ren ont	Oh o	C raff R Chester	Bancroft	Nebr
Bow an Chale C	Cov n to	Oh o	C raff R V	Bancroft	Nebr
B uan l e	Co n to	Ohio	Grant Vernon F	Cuba	N Dak
Bayer B R	Wade a	M nn	Greenm ller Mal lon	Pomona	han
B n H nry N	Sunk Kap l s	M nn	C ro er Bros	Rox ley	Iowa
I r J seph	St Cl o d	M nn	Haas C e r g e	Lyons	I an
B n m m O J & Sons	M nter	Ill	Hall Ray W	Oron	Wash
I r tow J seph I	Topeka	Kan	Hall Ray M	10 Naylor Cox H l	Terre Haute Ind
I r kous A l oph	I l l u n u i W	Nebr	Mal cren & Gan brll	Otta a	I an
B r w k s R C	R l v e r s l e	Ill	Hallcree John	Otta a	ka
B h o w F C & Sons	Blue H ll	Nebr	Hanson Bros	Inswood	Iowa
Ca p O r	Mass	Texas	Hanson C F	Clinto	M o
Ca ple H N l Ray	S John	M h	Harnum Sam	I l a n v e g	Nebr
Cape r Howard H	I r e	N Dak	Hartline Frank & S o s	Stras r g	Oh o
Ca y l l y I l & B o s	Ma r f t	Nebr	Hartzel J M	West L erty	Oh o
Carr I S	Homr	M h	Harwood A H	Drynt Farm	Balw as l e
Car k n n H W	Colthe bu a	N br	Hausser Bros	Holbrook	N H (s p 3)
Ca t w n l l B r e e y H	Co l t e	Cal f	Hausser C J	Holbrook	Nebr
Ca s e l a y C H & Jennie	Route E mporia	Kan	Hausser George & Sons	Holbrook	Nebr
Ca hey I A	Chat rth	Ill	He n H A	Paynesville	M nn
Ch a t r l bert	Auma	Colo	Henderson P C	Central C ty	Iowa
C l l r J h A	New Irugu	M n	Henry R	Delavan	I an
Clark H R	Schul n b n	Tex	Henry N M & Son	N Wot	Colo
C l e s s & An ll	I ar	Iowa	Herb on Bros	Birn nghan	M h
C l e s s Frank J	Man	Okl	H r t z Bro	Convo	Oh o
Col rose J J	R H Oklahoma a C ty	Okl	H l l W S	Alexan lna	S Dak
C o t r w k Charles R	New l n	Ind	H n d a s Jot E	L mperia	kan
C tle W J	West Bran h	M h	Hobso W A	Swa lows	Colo
Cr ad w k I B	Cluster Spr s	Oh	Hoehn I ate I	Mad son Lake	M nn
Cr a u t J F	Val a s t e k l	Oh	Holl k L l	Palermo	N Dak
Cr u a r t e M H & S o s	New Londo	Oh	H l l e r Jot n	Dra to	N Dak
C r a n J n n A	Steelevile	W s	Horn V e l o H	Oscoda	Nebr
I n f o r t h Avery	Steele	N Dak	Horn Marshall W	Marshalltown	Iowa
I s e e h W B	Little L e l a r	Iowa	Hubble U I	Stockton	kan
I s e e d e r Joseph	New l n	M nn	H el s k n u J C & Sons	New Ulm	M n
I n g a n Clou	700 s Cl n to St South Bend	Ind	H ghes I h s J	Herscher	Ill
I n t e A	I lberton	Wa s	I erson G A	Hennia	M nn
I n l e y F A l	Toulon	Ill	I a kson Bros	Malakoff	Tex
I n l e y C a s M	Cha l e t n	Ill	I h a n e l o gen	Tyler	M nn
			J o e s A D	Lit h l l M	Nebr

RED POLLED CATTLE BREEDERS (contd)

Jones W R	Marion	N Dak	Schickelanz Alva T	Chenosa	Ill
Jongewaard R A & Sons	Mitchville	N Dak	Schickelanz Bros	Chenosa	Ill
Jost Fred V	Limmons	Minn	Schultz & Grovert	Vanhora	Iowa
Kauffman Jacob	West Liberty	Ohio	Schwab Geo W & Son	Clay Center	Nebr (A 1)
Kennedy W J	Lola	Kent	Schwab W F	Elton	Minn
Kestel Joseph	Manhattan	Kan	Skiles L J	Sylvan Grove	Kan
Kune Fred	1118	Kan	Sloan C A	Burchard	Nebr
Kotsmith J J	1015	Minn	Squire A L	Grinnell	Iowa
Kranz J A & Sons	Canal Dover	Ohio (15)	Stauffer A J	Brookland	S Dak
Lambert W	St Cloud	Minn	Stearns George L	Detroit	Minn
Larabee J W & Sons	Larville	Ill	Stearns I I & Sons	Detroit	Minn
Larsen Paul C & Son	El Calhoun	Nebr	Steen Hen	Gilman	Ill
Lee J W	Racine	Ohio	Stump & Teller	Conroy	Minn
Lichtenwater O L & Son	Manhattan	Ill	Swanson Aug & Sons	Renville	Minn
Lodnerier Albert	St Joseph	Minn	Tapper Roy	Monona	Iowa
London Bros	B Jos	Minn	Thompson L M	Varon ia	Wis
Luras I T	Dichon	Kan	Tottenson Louis O	Nicolet	Minn
Lvons Bros	Calfeysville	Kan	Tracy I J	Nashua	Iowa
McMichael A E	Walpeton	N Dak	Tracy G L	Nashua	Iowa
McWhinn J Sam	Berkholls	Tex	Tracy & Arye	Nashua	Iowa
Mann J W	Waco	Tex	Traxler E O	Atwood	Ill
Martin J W & Son	Gotham	Wis	Uhlr John & Sons	Montgomery	Minn
Mer John & Sons	Gardner	Ill	University of Iowa	La Fayette	Ind (11 20 12 15 A 2)
Meyer C A	New Prague	Minn	Van I vera Mrs Carl H	Route 1 Davenport	Iowa
Meyer Fred J	Good ne	Minn	Van I vera Roger	Route 2 Davenport	Iowa
Miller Fred H	Maxwell	Ill	Van Horn J W	Earlville	Ill
Miller Irvin H	11wood	Ill	Vance Bros & Co	Akron	Colo
Muller Will	Minimund	Ill	Victor Mrs Josephine & Sons	Hendricks	Minn
Mitchell Frank A	Hooper	Nebr	Vothers John H	Pueblo	Colo
Musselman Bros	Akron	Ind	Wall F A & Sons	Weyauwega	Wis
Neuenschanler C	Fessenden	N Dak	Wall M J	Hghland	Wis
Novak F J	New Prague	Minn	Walton John & R S	Route 2 San Antonio	Tex
Oak Grove Stock Farm	Ione Oak	Tex	Werner Sam	Brooklyn	Iowa
Olson H I	Albana	Ill	Westbrook Bros	Ionis	Mich
Palas L J	St Olaf	Iowa	Whinery W P	Banzor	Iowa
Parker H S & Sons	Creston	Minn	Wiles Luke I	Plattsmouth	Nebr
Peters Wm H & Son	West Bend	Wis	Wilhelmsen Wilhelm	Spring Grove	Minn
Plank Ralph Lloyd	Chaffield	Minn	Witell Carle E	Reinhard	Nebr
Plank U G	Chaffield	Minn	Wood L A	Luverne	N Dak
Pope Hugh H	Yorkville	Ill	Wulff J Fred	Grafton	Wis
Porter Laurence E	Yorkville	Ill	Wulff Wm	Grafton	Wis
Porter F H	Halsey	Ore	Wynkoop H E & J E	Eldorado	Ohio
Preston J C & Son	Seymour	Minn	Young Albert D	New Carlisle	Ohio
Price H C	Newark	Ohio	Young H C	Route 4 Danville	Ind
Reynolds-Lybrook Fm Co	R I Advance	N Car	Yows J A	Jonestown	Tex
Roberts J R	Medford	Okl	Yows Jacob & Sons	Atesville	Tex
Robinson Bros & Hill	Win hester	Ind	Zreke C I	Fedora	S Dak
Rockstad Mrs Jul A H	Sutton	N Dak	Zilverberg Jake	Wesington Springs	S Dak
Ross O I	Panhandle	Tex			
Salter J W	Unity	Wis			
Scharf J red	Jordan	Minn			

JERSEY CATTLE

AMERICAN JERSEY CATTLE CLUB (7)

324, West 23rd Street New York City

PROMINENT BREEDERS

Angell Frederick R	St Paul	Minn	Bullington Ors II	B x 1022 Wichita Falls	Tex
Arms Willard C	Burlington	VI	Burkhardt R I	Albany	Ore
Aster Mrs Vincent	Rumbeck	New York	Burns Mrs L Arline	La Fayette	New York
			Butler Edmond	Poughkeeps	New York
Bailey Lundy I	Tacoma	Ohio	Campbell George	Spring Hill	Tenn
Bain Fred and R	810 So Flower St	Los Angeles	Campbell J S Jr	Hutler	Tenn
Banka W N	Independence	Kan	Columba	Yatesville	Penn
Barnes I J	Hickman Mills	Miss	Cattler Luke Berne	Yatesville	Penn
Bartlin J C	Fort Worth	Tex	Cats Ed	Carlton	Ore
Barnes A Victor	New Canaan	Conn	Churchill A L	Clinton	Ore
Bass Robert J	Peterboro	New Hamp	Clark Washington A	Clinton	Ore
Beauchamp Mrs J An H	Cleburne	Tex	Lohn Robert	Clinton	Ore
Berndorf George J	Cornel us	Ore	Comp J A	White City	Wis
Black A A O	Cornel us	Wis	Compton J T	Albany	Wis
Black A F	F R D S Wakesha	Wis	Cook Harry H	Albany	Wis
Bobbitt J A	Hillboro	Tex	Cooper I W	Albany	Wis
Bombberger Harry B	Lebanon	Penn	Cooper J W	Albany	Wis
Bonnett W Cb W	Youngstown	Ohio	Cooper J W	Albany	Wis
Bowman Frank G	Elkton	Ohio	Coppert John W	Albany	Wis
Bradbury Wm L	Orange	Wis	Corbett E A	Albany	Wis
Brewerton W A	Libertyville	Ill	Cornish Edward J	Albany	Wis
Bingham E S	St Albans	Neb	Crahe Samuel I	Albany	Wis
Brown C H	Sheld	Ore	Craibree W P	Albany	Wis
Brown Lucius P	Spring H I	Tenn	Crump D H	Albany	Wis
Brown Percy	Spring Hill	Tenn	Cummins B H	Albany	Wis
Brundage Edward J	K B S Dixon	Ill (111)			
Burbanck Claude	E E & Corvallis	Ore (111)			

JERSEY CATTLE BREEDERS (contd)

[illegible]

GUERNSEY CATTLE
AMERICAN GUERNSEY CATTLE CLUB (8)
Peterboro, New Hampshire
PROMINENT BREEDERS

Adams B 1	Hebron	Marly	Jones Charles H	73 La cain Street Boston	Mass
Adolph Stock Farms	1801 SeGa Cerega Bldg Los Angeles	Calif			
Amor John S	90 Ames Bldg Boston	Mass	I eith Mrs M N	Warrenton	Va
Amory Ham I	1140 N Broadway Yonkers	New York	Knedy Oscar F	Waldorf Iatsu Albany	New York
			Knight C Prescott	Box 544 Providence	Rhode Isl
Babson Fred J	1345 West 10th Street Chicago	Ill	Koer C W	Bugerville	Penn
Bailey Harry	183 L 92nd Street Mount Tempur	New York	Krebs H J	Box 803 Wilmington	Del
Batie George N	Chestnut II Ill	Mass	Knob trach R W	16th & Harrison bts San Francisco	Calif
Barron C W	331 Beacon Street Boston	Mass	Krueger K C	Box 30 Manhattan	Kan (p 5)
Benson Helen R	Princeton	N J	Kruse S n on	Radison Hotel Minneapolis	Min (p 5)
Benson R Lawrence	120 Hiroa Way New York City	N Y			
Bickert J H	Albion	Iowa	Larsen Canning Co	Green Bay	W s
Bell C H	1448 Hanna Bldg Cleveland	Ohio	Leads Henry	Haddon Hall Atlant c City	N J
Bradley J D Cameron	404 Sears Building Boston	Mass	Leeds Morris E	c/o L. Maule & Co West Grove	Penn
Brant D O	Owensmouth	Calif	Leman J Howard	Box 660 Boston	Mass
Brenchland Jules	Ol vridge	New York	Lieber Otto R	4 0 North Alabama Street Ind ana	Ind
Briess Glenn I	1 South Street Auburn	New York		pol s	
Brown James A	Coatola	Calif	Loring Albert C	c/o P Lisbury Flo r M ls Co M n	Min
Buckingham S	Watertown	Conn			
McLean					
Buckley H H	Oreonta	New York			
Caldwell L R	Lake Wales	Flo	McCall C S	Bennettsville	S Car
Candler John S	141a Candler Bldg At a ta	Cal	McCormick Cyrus H	600 South Michigan Avenue Ch cago	Ill
Cheney Arthur C	Castleton on H dson	New York	McCormick Mrs	Wheaton	Ill
Cheney Dr B Austin	Litchfield	Conn	Robt R		
Chicago Curnsey	Hinsdale	Ill	McCorm C Vance C	Harrisburg	Penn
Farm Inc			McCullough W	R nell Cave Road Lex n to n	hy
Clark Edward C	823 3rd Ave L Cedar Rapids	Iowa (p 7)	Marvin		
Clark George P	Shamook	Rhode I land	McDaniel J J	Cornwell	S Car
Cleveland Charles D	Lattontown	Iowa	McKerrow Geo	1 ewaukee	W s (p 6)
Compton Bros	Lock Box 116 Valley Junction	Iowa	MacKinnon B A	c/o The P tcor at Review Co 39th St	N Y
Compton L H	Box 294 Valley J nct on	Iowa		& 7th Ave New York City	
Cook C Sydney Jr	70 Walnut ne Street West Newton	Mass	Mac W F Ferdt	Ossing	New York
Cooper R M Jr	Warent	S Car	Madison William D	East 10k	
			Mahy E J	R T D & Box 294 Portland	Ore
Dean George F	Albion	M I	Marsh Wilbur W	Waterloo	Iowa
			Meeker Arthur	20 La Sa le Street Ch ca o	Ill
Emerson Isaac F	Brooklands He	Mass	Memphis Hotel Co Inc	Memph e	Tenn
Egan adne Farm	Hopeval Junction	N Y (p 4)	Merriman Seymour A	R I D o Fort Atk nson	Conn
Eldott John	Merchant s National Bank Detroit	M h	Merryman Louis Mc	St Louis	Miss
			Miller Mrs M nne W	147 Ramona Ave Salt Lake City	Utah (p 2)
Fergus Hugh	Slippery Rock	Pen	Moody Mark H	Waterbury	Vt
Field Marshall	Huntngton L J	New York 166	Moore E A	New Britain	Conn
Firestone Harvey S	Atlanta	Ol (p 9)	Mountain C	Carver 403 Des Moines	Iowa
Fisher I C	211 D Sharpsho	a	Mounia n Charles R	R Des Moines	Iowa
Finn Ralph E	R E D Sharpsho	n	M n Wa ne J	Jan s J	Wis
Flint Harvey J	21 Water an Street Pro den e	Rh xl I land	M nro Thomas H	Can illus	New York
Fox Albert W	Green Bay				
Fox Frank E	Waukeba	P n			
Fritz W Liam F	Pipersville	S Ca	P dger e Seed Co	Harte ille	S Car
Funkhurbur J I	Cheraw		Pore n I S	M nton	N Dak
			Phill p M T	Pon eooy	Ienn
Cerry Peter G	Lake Delaware Farm Delpt	N Y (p 4)	Phill ps T Redd eld	Montpel e	Vt
Cutty H B	New Windsor	Mar	Price T Howard	Phoen x	Maryl
Cle All on I	Ch nook	Wash			
CLE I E	Haddonfield	N J	Ranson W G	Homewood	Kan
Cleason Fred C	Sodus	M ch	Rawlings Will an	Gre G	Ga
Cluck Brothers	70th Ave Minneapolis	M n	Reich W O	Notior Route A B & 63 Astor a	Ore
Company			Rice C T	Oakite	Va
Gol mvaux Joseph	R 3 Waterloo	Iowa	Ru lred B	10 H ch street Bostn	Mass
G m m Mar n J	Catawba	Penn	Russ H Jam s E	K I Trenton	N J
Grunell Lawrence	South Dartmouth	Mass			
Gunnell Russell	Roseville	Rhode I land	St Awant George W	141 Mt Stk Street Boston	Mass
Gutwold C D	West Salem	Wi	Salisbury J B	Faritas	Va
Guss J B Jr	Denmark	S Car	Satford John C	Morky ille	N Car
			Sed, eld Inc	Box 701 Greenbush	N Car
Hall Gordon	Cranford	N J	Seiler Robert	6 Wall Street New York City	W s
Hamm on ds John	Mount Kisco	New York	Sherridan B F	R 6 Bond du La	Wis
Henry			Sherman Nathan el	1019 Cor nonwealth Aveuu Boston Mass	Mass
Hewes I chard C	112 Water Street Boston	Mass	Shoemaker S M	Leckerton	Maryl
Haskell Harry C	9044 du Pont Bldg W aington	Del	Smalley Walter	St Louis	Iowa
Harvey C A	Box A C Monongahela	Penn	Stale C J	410 S Church Street Lawrence	Kan
Henry Howard	Pittsburgh	Penn	Stie em Mrs I H	Gladstone	N J
Hen George M	Sod n	Mich			
Hendel Alway M	Suffield	Conn	Tarbell Gage F	61 East 42nd Street New York City	N Y
Hibbard C traville H	Brookland 1 e	Wash	Thawell Drew	Hiawatha	Ill
H J Charles L	Roseville	W s	Tennery D D	9 Chamber of Commerce Minneapolis	Minn

BROWN SWISS CATTLE

BROWN SWISS CATTLE BREEDERS ASSOCIATION (11)

Beloit, Wisconsin

PROMINENT BREEDERS

Ayers H W	Honey Creek	Wis	Jones Phil H	Nashotah	Wis
Ayers M T	Burlington	Wis	Kaderabek John	Nashotah	Wis
Bailey George & Son	Houston	Conn	Kimbald Irving J	Zenda	N J
Barnes Frank	Bristol	Conn	Kinney Warren	Lee's Hill Farm Morristown	Wis
Barnes Louis A	Collinsville	Minn	Klasy Henry	Mooros	Minn
Barthel Nath H	Albertville R No 1	Minn	Kiere A F	Freeport	Iowa
Beilhouse Tom W	Green Hills Orchard Alto	Ga	Kiere D J	Ossian	Minn
Berg F L & Son	Fairwater	Wis	Kiere Joseph	Freeport	Ill
Beyerl Louis M	Colby	Ill	Kohl Bros	Crescent City	M ch.
Buchhoff H W	Orland	Colo	Krass Frwin H & Son	Sebewaing	Wis
Black Wenzel	Yuma	W Va	Kreul Edward E	Fennimore	Wis
Blue Grass Farm	Beech Hill	Ore	Kreul Ernest	Fennimore	Wis
Boeckh John	Linton	Wis	Knewaldt Ed	Clintonville	Ill
Boettcher Mrs Henry	Antigo	Wis	Krumpe Fred G	R 2 Peoria	Wis
Bohart W O	Roseman	Mo	Kuettel Chas	Oskosh	Wis
Boice D N	Chubbville	New York	Kurty Theodore	Cedarburg	Wis
Boody A C	Hudson	Wis	Kyser R A & Sons	Lowell	Iowa (p 3 4)
Boomer W H	Tomah	Wis	Larrabee C & F	Fort Dodge	Wis
Bower A F	Union Stock Yards Cleveland	Ohio	Lau Chas F	Thosville	Minn
Bower A Obver	Bushton	Ill	Lilly A F	La Crescent	Iowa
Bown George Eugene	Forksville	Penn	Lynville W H	Winona	Wis
Brick F W	Seymour	Minn	Lyon H V	Galesville	Ill
Brill Henry	Lakefield	Minn	Macdon H A	Randall	Ill
Brown Edward T	Ladies Caveras Farm New Market	Va (A 3)	McCormack Grant	Pontiac	Iowa
Brugger Thob	Gresham	Ore	McDermott James C	Epworth	Penn
Brundold John	R 5 Rochester	Minn	Marshall C D	1212 Park Building Pittsburg	New York
Buckley J W	Whitehall New York State	Minn	Marshall James S	Johnsonville	Wis
Buhl Peter	Wabasha	New York	Marshall L S & Sons	Leslie	Penn
Campbell Wm	255 Park Avenue Corning	M ch	Martin Andrew	West Salem	Ore
Capital Securities Co	Dimondale	Ind	Meyers Bros	Meyersdale	New York
Chapin S B	1012 15 Hume Mansur Building	Wis	Meyers ck Ed	La Grande	Minn
Chapman Bros	Indianapolis	Wis	Miller Raymond G	Greenwich	Wis
Clark H H	Lake Geneva	Wis	Minnette F P & Son	Sank Centre	Wis
Cleveland L H	Danbury	Ohio	Mx Wm K & Son	Stepney Depot Monroe R 14	Iowa
Coby Thos W	Westerville	Ill	Mooney John	Fort Lodge	Mass
Cool J W	Molne	Ind	Morrison Frank W	427 State Mutual Bldg Worcester	Ill
Crandall A G	Lock Box 12 Union City	Kan	Moser Louis	Tremont	Ill
Crosby Maunell S	Columbus	Wis	Moser Samuel	Tremont	W Va
Cullings John E	Bruce	New York	Neuhard Geo H	Film Grove	Wis
Dahlem & Schmidt	Rhinebeck	New York	O'Connor F P	Shell Lake	Iowa (p 7)
Dale J W	Pavilion	Ind	O'Donnell Fred C	Lone Rock	Ind
Davis W T	F1 Dorado	Minn	Osborne Dr C F	Hampton Clinic Hampton	Calif
Dean W H & Sons	Dawson	Ill	Osborn W H	Kokomo	Wash
Delosier J M & Son	Tremont	New York	Parker Ed N & Sons	Saranac	Wis
Doran Edward D	Sherman	Penn	Pedrotti M J	San Rafael	Wis
Dornbier John	Hollidaysburg	Iowa	Peninger & Salyman	Centuria	Ill
Droeger Wilner A	Bayard	Ill	Peterson Arch e	Morton	M ch
Dull & Musser S	Dw ght	Wis	Plattner David	Clare	Mich
Dunbar C A & Son	Aubumdale	Penn	Poet Frank	Dumontville	Wis
Eggenberger Fred	Somerset	Ill	Quarry Farm	R 3 Waterloo	Wis
Eggenberger V L	Kewanee	Ill	Rohrer R H	Lone Rock	New York
Elkerning Ben	Odell	Minn	Renter Fred	Charlotte R F D	Penn
Elmer Bros Co Inc	Pontiac	Wis	Reney James H	Conneaut Lake	Ill
Fay Frank H	Freeport	Wis	Robinson Claude M	Freeport	Wis
Fischer Bros	Monroe R 4 Box 23	Ill	Ruth L M	Sarana	Iowa
Fish Byron	Middleton	Iowa	San C L M	Breda	Wis
Folgate Ray J	Hollidaysburg	Ill	Schlorha tz Abe	Monroe	Wis
Freund J W	Beusenville	Ore	Schmid N C	Darlington	Wis
Friday Lewis	Dakota	Wis	Schreier H D & Son	Vermi	M ch
Fuller J L	Powell Butte	Ind	Schultz Oscar	Maple Lake	Iowa
Galloway J A & T P	Markesan	Wis	Sebad W n	Molge	Wis
Gibson Bros	Kent	New York	Sohl August	Boydton	Wis
Gilbert Harry	Fond du Lac	Ill	Sohl Fritz	Lake Geneva	Wis
Goodwin Th R	Hudson Falls	Ill	Stanton W F	Tulida	Ill
Gooden Ben J	Polo	Mo	Stell Frank	Wadsworth	New York
Grossi Klaus, Carl	Rutledge	Neb	Stephens Bros	Linwood	Ohio
Haider Frank	Choteau	New York	Stewart W H	Linnwood	Ohio
Hale Willam B	Lattie Center	Conn	Stoller John A	Latty	Ohio
Harris George W	Verona Station	Iowa	Strook Thomas M	1013 Clarke Ave Cleveland	N J
Hartson Da las M	Aqueduct Bldg, Rochester	Iowa	Suydam Matthew & Sons	New Brunswick	Ill
Haser Jane J & Sons	Wethersld	Iowa	Laughan C E	Aurora	Mn
Hefly S H & Son	Hampton	Iowa	Vanderk Bross	Mnnesota City	Mn
Henn ng Peter & Peter	Matfield	Wash	Vanderk Bross	Montevideo	Ill
Henn D L	Low ch	Wis	Walker Harry A	R 3 Freeport	Ohio
Hensel W J & Son	Last Stanwood	Mass	Waller A F	R 1 Dayton	Calif
Henshaw D J	Merrilan	Mass	Warriner Geo B	R 10	Wis
Hilbard B H	West Brookfield	Mass	Westhead Harry	St Althaus	Wis
Hinnville Chas H	Templeton	Ill	West Weber J m d r	Sarana	Ill
Hull Bros Co Inc, The	College of Agriculture Madison	O	White G W & Son	Merridan	Wis
Hunt Isaac L	555 Collins Ave Chicago	New York	Wild Chas	R 34 Waukegan	Ill
Hunt W M & Reck	Waukegan	Wis	Wilde Chas	Danforth	Iowa
Hunt W M & Reck	Adams	Ill	Wilmann A W	Hawbury	Penn
Hutchison W F	Seymour	Ill	Wilmann J m S	Waukegan	Ill
Hupel John	Freeport	Wis (p 7)	Yoder Lee L	Waukegan	Ill
Huska Samuel	Monroe	Ill	Yoder Mary S	Waukegan	Ill
Husman, Ira	West Adams Street, Chicago	New York	Zimmerman Frank C	Waukegan	Penn
Jakes, Walter	Beloit	Wis	Zimmerman J J	Waukegan	N J
Jensen E m J J	Clarksville	Minn	Zimmerman J J	Waukegan	New York
Johns Jacob	R 2 & 3 Menomonie	Minn			
Johns H A	Waukegan	Minn			

POLLED HEREFORD CATTLE
POLLED HEREFORD BREEDERS ASSOCIATION (12)
 701, Old Colony Building, Des Moines Iowa
PROMINENT BREEDERS

American Land Co Anderson Wm H Ary Carl J	Lewistown Grand Rapids Chamberlain	Mont. Mich S Dak	Kirstein J E & Geo C Kubham Henry Jr Kubham John G	Claron Chester Chester	Iowa Neb Neb
Baker Bros Barr Herb J Baur Robert & Son Beach Harry C Beck Frank Beune Bros Buzo Paul Bosdough Theo & Son Brockman Clark A Brown Mark G Burgan James & Son	Manson Larned Van Meter Lintontown Bisby Wisher Jul an Mendota Clairinda Wilmore Silver City	Iowa Kan Iowa Wash S Dak Neb Neb Ill Iowa Kan Iowa	Lee Bros Leonard N M Lewis John M	Mitchellville Wauke Larned	Iowa Iowa Kan (c 1)
Campbell James Canjell W H & Son Carty John G Chapman C F Christenson P M & Son Classen Bros Clayson Bros Coyner Hugh A Crawford Mrs J H Crosby Pierre Jr Cryder I V & Sons	Medford Grand River Salem Mt Carmel Lone Rock Beatrice Green Island Waynesboro Menard Clarksville Mankook	Ore Iowa Miss Ill Iowa Neb Iowa Iowa Tex Miss Ill	McArthur Wm McClure James G h Mattock Earl J Meadows A M Millicker Joe W Merritt Leon C Meyer Lemul Michaelis M G Miller B B Mossier James Moyer L W Mullendore F R & Son Murphy M T	Mason City Fairsview Bladen Lerona Riverside Chelsea Lone Tree Kyle Mt Lila Mt Ayr Earlville Franklin Lucas	Iowa N Car Neb W Va Iowa Okla Iowa Texas N Car Iowa Ill Ind Iowa
Davis Otis Delarber Joseph L Demuth N M & Sons Doty Omer Dougan C E	Bellevue Valley Defiance Belwood Annour McConnelville	Ohio Ohio Neb Neb Ohio	Packard B A Painter Ralph Patterson J F & Son Peet John W Peterson F O Pettagrew G E & Son Jett S I P Phillips Willis R Porter Mary W	Douglas Stronghurst Bedford Letcher Galua Flindreau Doland Union West Plains	Ariz (c 1) Ill Ariz S Dak Iowa S Dak (c 1) S Dak Ore Miss.
Eckert J P & Son Eddy D O Emmons G W & Co Epperson G L Estill, Earl	Haubstadt Wesington Springs Oakland Valley Spring Carnar	Ill S Dak Calif Tex Okla	Radford & Sons Rasmussen Bros Reimers & Ohrt Rex Geo. T Rex S H & Son Richardson G L & Son Rippe Chas E & Sons Roberts Loan & Cattle Co Robinson F L & Son Ross Geo M & Son	Newark Elba Gladbrook Silver City Winside McConnelville Tipton Roundup Kearney Ross	Neb. Neb Iowa Iowa Neb Ohio Ind Montana Neb Iowa
Gifford Mrs E H Gill Chas D Gligan Bros Glaves R C Goermandt Bros Green J E	Le viston Midersport Graf Leustown Aurora Muncie	Neb Ohio Iowa Miss Kan Ind	Schneider Carl J Schnoor F W Schulte John C Smith J A & Sons Stafford James Star Grove Stock Farm Stokes Samuel L	Snyder Perry Norway Basalt West Liberty West Liberty Ashland City	Neb Iowa Iowa Iowa Iowa Iowa Iowa
Hainline W R Harris A B Hartmann W Howard Hard n H H Harper Carey & Ena Hazen R O Headley M R Heasman A H Henry & McCloskey Herron T W & Son Hodgeson Bros Hovenkamp M W	Blandin v lle Greenwood Lomcor Gaza Liston What Cheer Port Gibson Federal San Antonio Chandlerville Ottawa Keller	Ill Miss. Iowa Iowa Ind Iowa Miss W youn Tex Ohio Ill Tex	Tonsfeldt H P Vandewater E W Waggoner Merle T Walton Ed Westcott Wm S Westensee Bros White M H Wilkey W A & Co. Wilkinson H E William G W & Son Wilson Alex Jr Wilson J F Wilson O S Woodsev C B	Le Mars Orient Wichita Falls Bowen Woodbine Galua Oliver Branch Sullivan De Witt Bristol West Liberty Lewistown Canton Aiken	Iowa Iowa Tex Ill Iowa Iowa Miss Ind Iowa W Vir Iowa Miss Miss S Car
Jenkins Bros. John Ira D Johnson Bros	Orleans Millsport Jacksboro.	Ind Ohio Tex	Zybell C H	Lake City	Iowa (c 1)
Keith Hereford Farms Ketcher John J Kenny J C	Wichita Falls Petterson Oakley	Tex Iowa Iowa			
Kerr Bros	Muscataine	Iowa			

MANTI LIVE STOCK CO.

(INCORPORATED)

MANTI, UTAH, U.S.A.

Breeders Registered Rambouillet Sheep

Founded 1907 from some of the best Flocks in America

Sheep Breeders.

SOUTH DOWN SHEEP

AMERICAN SOUTH DOWN SHEEP BREEDERS ASSOCIATION (1)

203 Agricultural Building State College Pennsylvania

PROMINENT BREEDERS

Abraham M. C.	Manor	Tex (p 5)	Garland C A	Bangor	Naine
Agricultural College	Clemson College	S Car (p 2 p 5)	Glendale Stock Farm	Glenn Falls	N Y
Agricultural College Kansas	Manhattan	han (c 10 p 5)	Green T P	Shelbyville	Tenn
		6 A 2)	Green W H & Son	Watertown	Tenn
Agricultural College Massachusetts	Amherst	Mass (c 10)	Greer Chas P	Trottsdale	Va
Agricultural College West Virginia	Morgantown	West Va (c 10	Griffin Bros	Virquia	Wis.
		#2)			
Agricultural Experiment Station & College North Dakota	State College Station Fargo	A Dak (c 2 3	Haught Mrs. D B	Dover Plains	N Y
Agriculture Georgia State College of	Atlanta	6 p 1 7 A 2)	Hall B S & H A	Winston	West Va
		Ga	Hamilton Thos P	Auxvaise	N Y
		Vt	Hamilton W V	Caledonia	N Y
Afton Jas & Son	Poland	Ohio (c 6)	Hanna A D	Asbury	West Va
Allen George & Sons	Lexington	Nebr (c 3 6 8)	Hartman A	Grantville	West Va
Amos J & Sons	Lancaster	Ky	Hartley E G	Crawford	Miss
Anderson W	Asbury	West Va	Hargrove H C	Carroll	N Car
Andrew Jess C	West Point	Ind	Hartshorn N D & Brothers	Newark	Ohio
Arnold A W	Galesville	West	Harvey J R	Turkington	Nebr
Aufranc, W H	West Chester	Ind o	Harvey T W	Narletta	Ohio
Axe Fred J	Portland	Ind	Hedden J C	Monkton (s 5)	Minn
			Henderson P H	Central C ty	Iowa
Bagot & McKee	Anderson	Ind	Henkett G W	Fulton	Ohio
Bailey C J	Winthrop	Maine	Hewitt Mrs Sarah A	Rungwood	N J
Bashford J C	Kanona	N Y	Hildreth Arthur	Dola	West Va
Bates A A	Iruan	Ohio (c 5)	Hill John A	Greig	Tex
Beer Thomas	Buoyrus	Oh o	Hill S N	Markham	Tenn
Belden Oscar & Sons	Bradstreet	Mass.	Hill Geo M	Davenport	N Y
Bellevue Farm Co	Cranberry	N Car	Hilton A B	Saratoga Springs	N Y
Belknap H S	Natchez	Miss	Hill on W G	Amson	Maine
Benjamin L H	Haskinsville	N Y	Hiner Jared A	Doe Hill	Va (c 3)
Bennett & Harriston	Shelbyville	Tenn	Hite Brothers	Gallatin	Tenn
Benninger W M	Brennigers	Penn	Hite R P	Gallatin	Tenn
Bentley A C	Berlin	N Y	Hood W M	Alb on	N Y
Burge Charles W	Hector	N Y	Hora John G	Lancaster	Ohio
Bierman E L	Novo Springs	Iowa	Horton Edward E	Chester	N J
Blume H E	Denson	Iowa	Hubbard J G S & Son	Monroe	Ore (c 2 7)
Bobbit W C	Clay	West Va	Hubbard Walter P	Juncton C ty	N Y
Boo L P	Hematte	Miss	Hutchings Bros	Coldwater	Oregon (c 2 5)
Booth Bro	Egerton	Kan			
Briggs L V	Hancock	New Hamp	Johnson Tom	Lebanon	Tenn
Brown Frank	Carlton	Ore (c 2)	Jones D T	M dway	Tenn
Brown George	Alb on	Ind	Jones C C & Sons	Delaware	Ohio
Buckman H bbs	Launehorne	Penn	Kellogg Isaac & Son	Reading	Miss
Burroughs John L	Newburg	Iowa	Kenry Park	Hartford	Conn
Bush T H	Coxs Mills	West Va	King C L Jr	Pransburg	Va
Button Herbert	Cazenov A	N Y	Kissinger J H	K singer	Miss
			Kitchen George Jr	Cower	Miss
Calahan D T	Craigsville	West Va	Kuder Geo & Sons	Contoutany	Ohio
Casey George H	Fowlerville	N Y	Lee John R	Detroit	Mich
Cattrell H	Hootick Falls	N Y	Lei er L Z	Lake Geneva	Wis
Chapman Lawrence C	New Bedford	Mass.	Liddy A D	Oakland	Malae
Chapman Wm J	Union H Y	N Y	Looney J M	Walton	West Va
Chase Brothers	W flow Lake	S Dak (c 1 7 A 3)	Looney James	Walton	West Va
		Miss	Love H L & Son	Frasco	Tenn
Clark S sters	Artesia	N Y	Lowe Geo K	Eagleville	Tenn
Cochrane Andrew J	R pley	N Y	Lucas J	Shanton	West Va
Colbert & Son	East Chatbam	N Y	Lyon J T	Bedulckle	Tenn.
Collins Elliott	Burr	West Va			
Comptons L A	North Clarendon	Vt			
Cope Jesse L	Monroe	Ohio			
Cowden R C	W Chester	Penn.			
Cummings W J	Rea	Penn (c 5)			
	So th Berwick	Maine (c 11)			
Dickey Harry Augusta	Greene	Maine			
Dickson Harry J	Canfield	Ohio			
Donnan J A	Wadsworth	N Y			
Dougherty W H	Pad	West Va.			
Downing Wm	Lynon	Ore (c 5 6 11			
		12)			
DuBois F M	Buffalo Valley	Tenn			
Duncan J C	Lewiston	N Y (c 6)			
Dunk n John	Westport	West Va			
Durant W	Wilmington	Del			
Dunwoody Wm H	Wayzata	Minn			
Faton Bruce G	Faton	Colo 43			
Enslay J C	Avonia	Penn			
Estv H M	Derry	N Y			
Experiment S at on, Rhode Island	Rhode Island	W Va			
Experiment Station, Wisconsin	Madison	Wis.			
Fairview Farms	No. 4 Amer	Iowa			
Fine C E	Roers	W Va			
Fink O G	Mauion	W Va			
Fitzgerald S L	Kittanning	Penn			
Flinn W J	Chert & L	Tenn			
Fowler J A	Lewsbury	Tenn.			
Fox Bros	Sevier	Tenn. (c 6			
Fraze, Henry A	Ston s de	Chao			
Freud, Abrah	T T Masd	Iowa			
French Charles	Gohs	Maine			
Fulley Alfred G	Cymour	W Va			

SOUTH DOWN SHEEP BREEDERS (contd.)

Palmer J R	Lebanon	Tenn	Snook Walter L	Ottawa	Ill
Palmer R W	Summit Stat on	Ohio	Snyder E W	Tollgate	West Va
Parker Stock Farm	St Francisville	La	Spicer W E	Bushnell	Ill
Pate J M	Rising Sun	West Va	Springer Frank S	Springfield	Ill
Patterson O M	Reedy	Penn (c 10 s 2	Stephens Aleck	Homer City	Penn
Pennsylvania State College	State College	6 7 11 p 5)	Swingle J O	Gallatin	Tenn
Petersen Andrew	Box 296 Ashland	Wis (s 3 9 11	Tait M P	Mercer	Penn
Phil pp: Geo A	12)	12)	Tarbell C P	South Royalton	Vt
Pickrill Jesse C	Bear Creek	Wis (s 11)	Tatterson O M	Reedy	West Va
Plumb C S	Lanesville	Ill	Taylor M A	Horne	West Va
Point Lookout Farms	Columbus	Ohio	Thompson John R	Libthian	Ill
Porter W & Sons	Guyencourt	Del	Thompson John R	Libertyville	Ill
Post G L & Sons	Atwater	Ohio	Tomkins F J	Guard	Mich
Potts W T	Crawford	West Va	Trumble & Johnson	Watertown	Tenn
Prather S E	Jacksonville	Ill	Trumble Mrs Clara V	Ada riville	Ga
Privett Urinal & Bro	Springfield	Ill	Tucker John H	Smyrna	Tenn
	Greensburg	Ind	Turner J C	Rising Sun	Ind
			Twombly H McK	Nash son	N J
			Tyson Charley	Debany	Ohio
Ralston Glen	Brooksbury	Ind	Univers ty of California	Davis	Calif (s 2 6 11
Ramsey B H & Son	West Alexandria	Ohio			12 p 7 4 4)
Redkey H H	Winchester	Ohio	University of Illinois	Urbana	Ill (c 1 2 3 7 8
Reed William	St Paul	Ind			9 10 c 3 6 12,
Reesman Henry G	No J Burlington	Wis			p 1 2 3 5 7 A 1)
Reynolds Lybrook Farm Co	Winston Salem	N Car	University of Kentucky	Lexington	Kentucky (c 1
Rhodes J Foster	Woodstock	Vt			2 3 7 8 9 s 2
Rhodes W F	Berlin	West Va			11 p 2 3 4 5)
Ridgway Wm R	New Holland	Ind	University of Minnesota	St Paul	Minn (c 10 s 2,
Rock G W & Son	West Point	Ind			6 11 A 2)
Rock Thos G	Salem	Iowa	University of Missouri	Columbia	Miss (s 2 6)
Ross W R & Sons	O'Brien	Wash	University Oh o State	Columbus	3 13 p 1 A 2)
Rupert L S	Bloomington	Ill	University Purdue	Lafayette	Ind (c 6 s 2 6
Schofield F M	Baltimore	Maryl			12 p 5 A 2)
Scoville Rob & Herbert	Taconic	Conn	Vanderbilt Alfred G	Newport	Rhode Island
Seal J W	Cedar Grove	Ind			
Sentelle R A	Waynesville	N Car	Wells Freder ck E	Greenfield	Mass
Servin J F	St Clara	West Va	Wheaton E C	Marshall	Mich
Shaw C C & Son	Ashley	Ohio	Whipps William & Son	Carlsruhe	Ind
Shaw V O	Card ogton	Ohio	Whitman W C & Sons	Turner	Maine
Sherran G W Jr	Shelbyville	Tenn	Wilson W A	West Nashville No 12	Tenn
Sheets Arthur W	Lost Creek	West Va	Wilson W A	Waples	Ind
Shoper G T & Sons	Flat Creek	Tenn	Wilson W A	W Salem	Ill
Simpson Stock Farms	Saxonville	Tenn (s 4)	Witte Gid	Gessie	Ind
Singleton E	Glenville	West Va	Wolter Frank	Bloomer	Wis (s 6)
Smadley Willard H	West Chester	Penn	Woodard W	Lawrence	Mich
Smith D W	Springfield	Ill	Wright G B		
Smith L C	Union Center	Wis			

HAMPSHIRE DOWN SHEEP

AMERICAN HAMPSHIRE SHEEP ASSOCIATION (2)

72, Woodland Avenue Detroit Michigan

PROMINENT BREEDERS

Ag & Mac College Texas	College Station	Tex (s 12 p 7)	Clearwater Hampshire	Winifred	S Dak
Agricultural College Clemson	Clemson	S Car	Sheep Club	Elsie	Mich
Agricultural College Colorado	Fort Collins	(s 1 p 6)	Cobb L J	Yakuna	Wash (s 10
Agricultural College Kansas	Manhattan	Colo (s 6)	Coffin H Stanley		12)
State		Kan (c 10	Colorado State Reformatory	Buena Vista	Colo
Agricultural College S Dak	Brookings	s 15 6 A 2)	Conley C H	Frederick	Mich
Agricultural College Utah	Logan	S Dak	Covey E W	Clemson College	S Car
Agne Rural Exp station	Reco	Nev	Covey & Blaney	1211 E 1st St	Salt Lake City
Nevada			Cromwell W s Ada May	Jett	Ky
Agricultural Experiment	State College Station	N Dak (s 13 6 p 1	Devers Theo & J T	RR 5 Stamping Ground	Ky
Station & College		7 A 2)			
North Dakota		Iowa (c 10	E. M. Grove Farm	Sta A Ames	Iowa
Agriculture Iowa State	Ames	s 6 12 p 7	England A W	H. H. R. 4	Mich
College of		A 2)	Exp Sta Huntley	Huntley	Mich
Allan uchey Farms	Allamuchy	N J (c 6)	Exp Station Montana	Boseman	Mich (s 6 8)
Allison H W	Mercer	Penn	Fay Francis B	Catamount Farms	Woodstock
Anderson Floyd J	St Johns	Mich	Finch H L	Soda Springs	Vt
A R I Farms Ltd	Challis	Idaho	Flint J Willard	Seo	Idaho
			French Bros	c/o R S French Cove	Ore
Barlow H C	McKinney	Tex	Frey Jack	Reno RFD No 64	Nevada
Bowers L C	Boise	Ida			
Breckenridge L L	Twinn Falls	Idaho	Calway John W	41 N Center St	Stockton
Brown Earl D	Ilion	N Y	Cay J B	Pine Grove	Ky
Brown J rank	Carlton	Ore (s 1)	Graves L L	Winthrop	Wash
Brownell T F F F	3966 Clay Street	San Francisco	Gra es James W	Box 183 Richmond	Va (p 5)
Buckstaff D C & G A	Oskosh	Wis	Groom B I	Langdon	N Dak
Burros kha C F	Lynn havers	Va	G. H. Ford & Hampton	Fcho Box 745	Ore
Calne Geo B	Logan	Utah	Hale W B	Aqueduct Bldg	Rochester
Calla Grove Farm	419 N Hunter St	Stockton	Hamilton A R	Commonwealth Bldg	Pittsburg
Candem J A	Versa lra	Calif (c 1 6)	Hamilton J C	Commonwealth Bldg	Pittsburg
Casler Walter W	Ovid	N Y	Hartley Stock Farm	c/o Agricultural College	Ames
Cawley & McCos ri	Stamping Ground	Ky	Hartley Stock Farm		N Dak
Cherry H H	Xenia	Ohio	Hartley Stock Farm	Hall	N Y
Cherry W J	Xenia	Ohio	Hartley Stock Farm	Versa les	Ky

HAMPSHIRE DOWN SHEEP BREEDERS (contd)

Hill Angus	Meridan	Idaho	Smith R B & Sons	Livingston	Mon
Hilton T G	Scorsus Farms Marblehead	Nass	Spencer John R	Wendell	Idaho
Hutchcock R G	Noise	Idaho	Spencer Ranch Co	Cranmore	Calif
Hopkins C Harold	Box 384 Davis	Calif	Spencer Walter	312 P O Bldg Denver	Colo
Howard Charles	Cambridge	Idaho	Stackhouse Glen	Corunna	Ind
Hubbard J G S & Son	Monroe	Ore (#1 7)	Stettbacher S S & Son	Pontiac	Ill
Hubbard Walter P	Junction City	Ore (#1 5)	Strutz Robert E	Janestown	N Dak
Jones W Al Est	Gerais	Ore	TempeState TeachersCollege	Tempe	Ariz
Kell her D E	Eugene	Calif	T grett H P	Newbern	Tenn
Kendall W B	Long Branch Farms Bowdoinham	Mo (#11)			
Knoxlin Hansen Co	Box 175 Soda Springs	Idaho	Uhl E G	Sta A Ames	Iowa
Lawson R M & Sons	Burkes Garden	Va	U S Ind and Vocational School	Phoenix	Ariz
Leighton Wyle T	Boise R F D	Idaho	Un vers ty of Arizona	Tucson	Ariz
Link & Wilson	Minnville	Ore	Unvers ty of Arkansas	Fayette	Ark (#5)
Little A E & Co	Scorsus Farms Marblehead	Mass	Unvers ty of California	Davis	Calif (#1)
Lunsford H C	Monterey	Va (#6 11)			6 11 12
McClure S W	Blus	Idaho	Unvers ty of Idaho	Moscow	Idaho (3)
McDowell Fred W	Mercer	Penn (#11)	Unvers ty of Kentucky	Lexington	6 7 A 4
McKeehan R J & Son	Vates City	Va	(College of Agriculture)		by (cl 2)
McLaughlin H W	Box 1176 Richmond Va	Va			3 7 8 9
McLauchlin Robert	Hubbard Lake	Mich	Unvers ty of Maine	Orono	3 11 p 2
Merry A L	R 3 Belmont	N Y	Unvers ty of Maryland	College Park	3 4 5
Michigan State College	East Lansing	Mich (#6 11 2)	Unvers ty of Minnesota	St Paul	Maine (#11)
Moller Mrs M W	1477 Ramona Ave Salt Lake City	Utah (#6 8)			Mid
Moller R F	Davis	Calif	Unvers ty of Missouri	Columbia	Min (c10)
Moller Richard C	Lexington	Ky	Unvers ty of Nebraska	Lincoln	1 6 11
Mitchell C L	Lucas	Ohio (#1)			Mo (#1 6)
Mitchell J P	R 1 Trenton	Tenn	Unvers ty of Nevada	Reno	Nebr (c10)
Moncreiffe Malcolm	Biehon	Wyo (#10)			3 6 7 A 2
Monterey Stock Farm Ltd	R R 2 Bedford	Va			1 2 3 7 9
Mount Haggen Land & Live Stock Co	Anaconda	Mon	Unvers ty Ohio State	Columbus	10 2 6 10
Nash Allen C	Montrose	Colo			12 A 1 4 6
Nebaker J & Son	Stockton	Utah	Unvers ty Purdue	Lafayette	Oh o (c 6)
Neuburger Frederick	165 Ward Street Paterson	N J			10 2 1 3
N Y State School of Agriculture	Morrisville	N Y	Unvers ty Wisconsin	Madison	13 p 1 A 2
Nichols Baynard M	Longmont	Colo	Unvers ty of Wyoming	Laramie	Ind (c 6)
North Carolina State College	West Raleigh	N Car	Unvers ty West Virginia	Morgantown	1 1 6 12
Oklahoma A & M College	Stillwater	Okl (#12)			p 5 A 2
Penn State College	State College	Penn (c10)	Waddell Dave M	Amity	Wn (#3 6)
Finckard R R	Willowood Ellensburg	1 5 6 7	Walnut Hall Farms	Donair	11 p 1 A 2
Posage Bros	Joseph	11 p 5	Washington State College	Fullman	Wash (c10)
Poston A H & Son	R 1 Spokane	Wash	William John	Cornell Unvers ty Ithaca	N Y
Re d Willow	Oph r Farm Purchase	N Y	Wildow Springs Farms Inc	Mr Morrison	Colo
Renk W F	Sun Prairie	Wis	Wilson B F	Krum	Tex
Rhodes W M	Sheridan	Mon	Wilson Ernest W	Ellensburg	Wash
Richie Bros	Sun Prairie	W V	Wilson J F	Davis	Calif
Rosenblum I art	Sunny's de	Wash	Woppel Fred & Son	Ellensburg	Wash
Scarff W N & Son	New Carlisle	Ohio (#4)	Waterspoon R H	Lawrenceburg	Ky
Schmidt W I & H A	Menno	S Dak	Wood Live Stock Co Ltd	Spencer	Idaho
			Wght Clarence	Parr	Ky
			Young Dr F J	Monticello	Ky

OXFORD DOWN SHEEP

AMERICAN OXFORD DOWN SHEEP RECORD ASSOCIATION (3)

Kenia (Greene Co) Ohio

PROMINENT BREEDERS

Abbott Geo L	Palms	Mich	Bed W A	Galesville	Wia
Adam Stephen C	Memphis	Mo	Bennett R P	Springfield Center	N Y
Agricultural Experiment Station & College North Dakota	State College Stat on	N Dak (#1)	Berry J G & Son	Elgin	Ill
Alexander & Davies	Largo	2 6 p 1 A 2	Bishop W I & Sons	Linton	New Ham
Allen Geo & Sons	Buffalo	Mo			
Ammon J J	Lexington	Neb (#1 6 8)			
Armstrong J S & Son	Tipton	Ill	Carrs Chat A	Norriston	Idaho
Asay Donald	St Carroll	Ill	Carr T J & Son	Elgin	(c 10)
Atwood W A	Flint	Mich	Carrs L J	Ohio	Ill
Avery C W	Detroit	Mich	Cassmann J J	South Bend	Ind
Bacon H J	Elletts ed	Mich	Chamberlain Mrs & Sons	Manitowish	Wis
Bailey John N	Tipton	Mo	Chamberlain Marshall	Rush	Ill
Baker Frank D	Flint	Mich	Chewman	Ellensburg	N Y 1 5
Baldwin J L & Son	Oronola	Iowa	Clark H W	Perthshire	N Y
Baldwin T T	Columbia	Tex	CLY K C	Marion	Mo
Barrett R P	Low Oak	Tex	Cobb Evan C	Lee	Mo
Beaver D J	Easton Rapids	Mich	Cobbert J J	East Oak Lake	N Y
Becker Arthur O	Lancaster	Wn	Court J J	Lawrence	Mo
Benn R H	Stanton	Wn	Coverly H Ware	Theriot	Wash
			Cowan W A	Cummins Ma	Mo
			Covell H L	Greeneville	Mo

CONTINENTAL DORSET SHEEP BREEDERS (1 2)

[illegible]

SHROTHIRE S. E.
AND CAN SHROTHIRE REGISTRY ASSOCIATION ()
L. E. 1975

FROM NEW OR LEADS

[illegible]

SHROPSHIRE SHEEP BREEDERS (contd)

Browneth Jesse A	New City	In 1	Perry B S	North Fair old	Oh o
Ch nch una Stock Farm	New Carlisle	Oh o	Pless ner Frank & Bro	Versa les	Ohio
Clyd Ambrose	Cooperstown	N Y	Pond H H	Minneapolis R R 1	M nd
Clark R tchey	R R F Lafayette	Ind	Porter C C	Cumberland	W s
Chrane Andrew J	Ripley	N Y	Poulter C W	Cumberland	W s
Colley C A & Son	Urbana	Ill	Powell H E & Son	Ingles de Farm Iowa R 1	M ch
Couley J B	Vandalia	W no	Vreney J E	Baraboo	W s
Cooper W I	R R 1 Camas	Wash	Preston Ralph L	Avila	Ind
Cornedale Sheep Co	Holl ster	Calif			
Curtiss C F	Ames	Iowa (e 3 f 5 A 1)	Rank n John A	Tarkio	Mon
Dabo er H J	Upper Tract	W Va	Rathiff J T	Kirksv ille	Mon
Doert er Frank A	Silverton	Ore	Ratto Stock Farm	San Francisco	Cal f
Dolph Bros	Lymouth	Ind	Renk Bros	Sun Prairie	W s
Dorsey I L	Anchorage	Ky	Reutter E S	Fowler	Ind
Down ng Wm	Lyons	Orn (s 1 5 11 12)	R ghenour S R	Boise	Idaho
			R nebold Geo A & Son	Fostoria	Ohio
			Ryon H L & Sons	Laurens	Iowa
Duncan J C	Lewston	N Y (s 1)	S hm d R	Queen C ty	Mon
Elk ns S M	Bloomington	Ill	Schell Bros	Atwom th R R 1	Ill
Experiment Station Montana	Botman	Mon. (s 2 8)	Schultze s E A	Maxbass	N Dak
Expernt Stat on Un ers ty	Urbana	Ill	Seamans E D	Salem	Iowa
Ill no s			Frendsh P	N Y	W s
Felzer Bros	Tenget	Ore	Seeber Geo	Steffens le	Mon
Fox Bros	Sev erv lle	Tenn. (s 1)	Seltzer Edward G	Sun Pra ne	W s
Fox Floyd T	Silverton	Ore (s 3 5)	Sheldon C J	Nassau	N Y
			Sinner A C	Cedar Lawn Farm Chasco	Nebr
Gide Litze H	Sacramento	Calif	Sk tier H G	Brookings	S Dak
Gloftelter C W	Waterv l e	W no	Sparke W J	Belle Pla ne	Man
Goodman F W	Waco	Tex	Stalzm th Geo E	Urbana	Ohio
Greatwood Farms	Pla nt eld	Vt	Stone John A & Son	Bethany	Mon
Green J Dona d A	Oakland	Ill	Sturis J G	Plymouth	Ohio
Gruenhagen A H	Norwood	M nn			
Guilford Farm	Orland	Calif	Tennant J L	Memph s R R 6	Mon
Guthrie A T	Newton	Iowa	Thomas A I	Argos	Ind
			Thompson G H	Nacleay	Ore
Hampton W J	R R 2 Champaign	Ill	Toates J J	S Dak	S Dak
Hanna S A	Cad z	Oh o	Turner A D	Pine Plains	N Y
Herr Bros	Lod	W s	Un vers ty of Arizona	Denton	Tex
Honnan H E & Son	Navenna	Oh o		Tu son	Ariz
Holden Arthur J	Hennington	Vt			
Homan O A	R R 3 Peabody	Okla	Un vers ty of California	Dav s	Calif (s 1 A 4)
Hornsberger Louis	R R 7 Enid	Kan			
Hottinger A P	La Otto	Ind	Un vers ty Cornell School of Agr cul ure	Itha a	N Y (c 1 7 8 9 10 s 4 5 6 11 p 3 A 1 2)
Hovarter A W	Helmer	Ind			
Hutchings W S	Lincoln Park	N Y	Un vers ity of Idaho	Moscow	Idaho (s 2 7 8 9 10 11 p 1 2 3 4)
Jager E H	O ney	I	Un vers ty of Idaho	Standop ut	Idaho
Janderk II Farms	Ogd n M l Staa burg	I	Un ers ty of Illinois	Urbana	Ill (c 1 2 3 7 8 9 10 11 3 10 p 1 2 3 5 7 A 1)
Jenk ns J H & Son	Mt Vernon	Oh	Un vers ty of Kentu ky	Lex ngton	K y
Jones Ernest R	Stillwater	Okla	Un vers ty of Missouri	St Paul	M nn (e 10 11 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381

NATIONAL LINCOLN SHEEP BREEDERS ASSOCIATION (7)

PROMINENT BREEDERS

Abraham E Agricultural College Utah	Halsey Logan	Ore Utah (#2 8)	Knollin A J Kuney L R	Pocatello 618 Madison St. Adnan Mich (#8 9)	Idaho (#12)
Banister C H	Holman	Ore	Lathrop F K	Wamebago	Minn
Barber Carl	Brandt	S Dak	Levick J J	Monmouth	Ore
Bartz F R	Genoa	Ohio	Lewis F S	Ashtville	New York (#8)
Beckett W O	Knowlesville	New York	Lockie J W	Coville	Wash
Bckett J R	Len A	Ohio	McClure S W	Salt Lake City	Utah
Bouras Fred W	M M Iford	Mich	McCormick Frank	Fairfield	Iowa
Bowman F A	Ean Clair	Mich	McDowell D T & Son	Mercer	Penn
Brogden Thos L	Rush Lake	Wis (#5 11 12)	Mackie Wm	Rickreall	Wash
Brown H M	Illsboro	Ohio	Manley L H	Hortonville	New York (#3)
Bryan W E	Portland	Ind	Muner W H	Chazy	Wis (#1 #2)
Buckley P H	Sweet Grass	Wash			
Bullock A W	Goldentias	Wash			
Butterfield Live Stock Co	Weiser	Idaho (#12)	Need C A	Jamestown	kan
Cass John J	Aurora	Ill	Oregon Live Stock Co	Corvallis	Ore
Chase F Curt s	Adin	Calif	Oregon Milling & Warehouse Co.	Independence	Ore
Clark B F	Alba	Iowa	Overton J B	West Point	Iowa
Clo's Bros	Independence	Ore	Parades Avehaul Farm	Sheridan	Ore
Cod ns Chas S	Heyburn	Idaho	Parsons H R	Fairfield	Iowa
Cook T R	Monmouth	Ore	Patty H C	Amity	Ore
Cooper C P	McCoy	Mich	Pennsylvania State College	State College P O	Penn (#10 #1 2 5 6 11 #5)
Coupar Davd	Marlette	Penn	Perry F C	Seo	Wis
Crothers H M	Taylorstown	New York (#11)	Peterson Peter	Algona	Utah
Cunningham H L	Cooperstown	Ore	Pherson Willard	Salt Lake City	Idaho
David per H B	Joseph	Iowa	Poulton R	Heyburn	Wash
Davis E C	Fairfield	Penn	Preston W E	Lynden	Wash
Day John A	Youngsville	Ore	Prnor Archie	Yakima	Wash
Dayton G W	Newberg	Ore	Richards George L	Rickreall	Ore
De Armond C J	Independence	Wis	Richards R E	Lodi	Wis
Deutsch Joseph	Sawyer	Ore	Rickard B L	Monroe	Ore
Dobbs ns J H	Joseph	Mich	Rickard Roy	Corvallis	Ore (#8)
Dubysure P M	Maniton Beach	Mich	Riddell Wm & Son	Gervas	Ore
Eager J N & Sons	Howell	Mich	Schwab A A	Super	Ore
Edwards Bro	Monmouth	Ore	Simpson J M & Son	D amondale	Mich
Edwards C W	Monroe	Ore	Skinner Mrs H C	Monmouth	Ore
Edwards T J	Monmouth	Iowa	Smith B M	Union City	Wis
Engle Byron	Athelston	Ore	Smith Bros	Aurora	Ore
Fairley D B	Junction City	Wis	Smith J W	Meridian	Idaho
Farnis Anoka	Waukesha	Ohio	Stalker A R	Corvallis	Ore
Fielder A C	Debraff	Portland	Stegerwald Andrew	Middleport	Ohio
Funley George	Portland	Ore	Stensen E C & Sons	McCoy	Ore
Funley P M	Junction	Ore	Stevenson J O	Hermiston	Ore
Funn J W	McCoy	Wis	Stulings H J	Thompson	N Dak
Frazier Geo A	Lake Beulah	Wis	Streety H A	Monmouth	Ore
Gullam Tlmer	Dallas	Mich	Stump J B	Bruffe	Mon
Goodwine John & Sons	Marlette	Ore	Swanson E	Junction City	Ore
Graver C S	Dallas	Ore	Thomas E W	Ada	Ohio
Green Dr S P	Fruita	New York	Tyler W C	Moscow	Idaho (#2 3 6 #4)
Gregory C G	Mt Vernon	Ill	University of Idaho	Lincoln	Nebr (#10 #2 3 6 #2)
Gurney G H	Mendota	Wis	University of Nebraska	Laramie	Wyo (#2 3)
Hagh S A	Pickett	Idaho	University of Wyoming	Fairmont	Ind
Hartman Bros	Winchester	Ohio	Voorhis M K	Cassapolis	Mich
Hassan Albert O	Coldwater	Ore	Watts T Z	Middleville	Ore
Hawley & Son J H	McCoy	Mich	Willams J H	Arl e	Mich
Hembaugh C W	Three Rivers	New York	Wilson H L	St Louis	Ore
Hills A W & Sons	South Winchester	Ore	Wood L L	Corvallis	Ky
Hobson I C	Cresswell	Ore	Woodcock M S	Selbyville	Ind
Hosington W C	Monmouth	Ore	Woodruff Geo E	Zopeka	Ore
Hollingsworth A O	Oregon City	Idaho	Yoder L R	Seio	Ore
Holland Chas	Cambridge	Ore (#12)	Young Wm J	Junction City	Ore
Hubbard J G S & Son	Monroe	Ore	Zieroff Albert		
Hugh C A	Sheid	Ore			
Hulburt J C	Corvallis	Ind			
Keefer Roy	Portland	N Dak			
Kellestad Oscar	Cret	Ore (#8)			
Kiger Dick	Corvallis	Mich			
Kncht P T	Marlette	Mich			
Knight Lph & Son	Gagetown	Mich			

COTSWOLD SHEEP

AMERICAN COTSWOLD REGISTRY ASSOCIATION (8)

Pure Bred Record Building Chicago Illinois

PROMINENT BREEDERS

Agricultural College Oregon	Corvallis	Ore (10 & 12, #5 & 2)	Harms H D	Aurora	Ore
Agricultural College Utah	Logan	Utah (#27)	Hastings S C	Springfield	Mo
Albright Alex	Dundee	Tex	Hatch R O & Bros	Hatch	Idaho
Allen Geo & Sons	Lexington	Nebr	Hayden Marion	Alsea	Ore
Allen J R	Draper	(#1 & 3 6)	Heath M	Muncie	Ind
Beck Harold	Gaston	Utah	Hickorydale Flocks	Joy	Ill
Bortel Arthur	Shedd	Ore	Hitz Peter W	Clyde	Oh o
Brasfield & Porter	Canadagua	Nebr	Hogan Jas A	Waunakee	Wis
Brazier E T	Salem	Utah	Holmes J R	Clatskanie	Ore
Brunk, Thos. W	R.R.S. Portland	Ore	Hutsed Geo. E	Novelty	Mo
Bryan Daniel	Corvallis	Ind (#6)	Jewell N M & Son	Merrol Point	Wis
BUCHANAN, CLAUDE		Ore (# & 1)	Kendrick, T S	Labelle	Mo.
Buchanan J Fred	Corvallis	Ore	Keyt Henry G	Perrydale	Ore (#7)
Burruss H D	Corvallis	Ore	Kier Dick	Corvallis	Ore
Bursell L. I	Monmouth	Ill	Kirby D J	McMinnville	Ore
Chase Fred	Junction City	Ore	Kuney L R	McMinnville	Mo ch (#7 9)
Clay John	Tomah	Wis	Lewis D C	648 Madison St	Adrian
Cruckshank J	McMinnville	Ore	Lewis, F S	Camp Point	Ill
Davidson C. H	Shedd	Ore	MacDowell D F	Ashville	N Y (#7)
Daybell Geo & Sons	Charleston	Utah	Mackey Curtis	Fredonia	Pa
Delasmutt W O	Yamhill	Ore	Mazer C S	Stanwood	Iowa
Duck G B	Oregon City	Ore	Magley J L & Sons	McMinnville	Ore
Divan, Frank	Brownstown	Wis	Marco G & Sons	Monroe	Utah
Dodson Ralph O	Monmouth	Ore	Matley J	LaCrosse	Wis
Douglas J D & Sons	Hope	Ind	Naum C D	McMinnville	Ore
Dyer E Edward	Albany	Ore	Neff H H	Am ty	Ind
Edgar Joe W	New London	Iowa	Polson F	Market	Ind
Everhart W W	Mollalla	Ore	Porter F H	Fort Wayne	Ore
Experiment Station	Bozeman	Mont (#2 6)	Potter Jess I	Halsey	Ore
Farmer John	McMinnville	Ore	Riddell Wm & Sons	Dallas	Ore (#7)
Fether S M	Holden	Mo	Riggs Geo W	Monmouth	Mo ch
Frye Elmer	Corydon	Iowa	Roosevelt Live Stock Co	Mason	Utah
Gettinger Guy C.	Connerville	Ind	Shirley Ira B	Salt Lake City	Ore
Gilman W D	Da las	Ore	Simmons A E	McMinnville	Ore
Giffin G A	Se o	Ore	Smith H T	Am ty	Ore
Groves S H	Tipton	Mo	Staats A C.	Yamhill	Ore
Groves Tom	Tipton	Mo	Templeton Wm	Saver	Ore
Harding F W	Waukesha	Wis	Tutt Chas. F & Son	Junct on City	Ore
Harding John & Son	West Liberty	Ill	Weaver D L & Son	Bunceton	Mo
			Widmer Geo C	New Carlisle	Ohio
				Eugene	Ore

LEICESTER SHEEP

LEICESTER BREEDERS ASSOCIATION (9)

Cameron Illinois

PROMINENT BREEDERS

Bannon Bros	Boscobel	Wis.	Karker A J	Cobleskill	N Y
Bobendriev J H	R.S. Elk River	Minn	Kuney L R	645 Madison St	Adrian (#7, 8)
Cameron, R. R.	Old Orchard	Maine	M Coy W A & Sons	Merced	Pa
Davenport S L	North Grafton	Mass.	Mahany Jas H	Fashion	Ma ne
Davis, I H & Son	Springboro	Mich	Marshall, C H	Vergrunee	Wis
Dawson, Mrs. Belle	365 17th Ave., Detroit	N Y	Mober A J & Son	Bloomer	Wis
Dwyer & Sons	No Bangor	N Y	Petersen, Andrew	Box 226 Ashland	Wis. (#15, 11 17)
Esper Station, Wyoming	Laramie	Wyo.	Roberts, H A	Aspington	Ohio
George Paul H	Greensburg	Pa	Scully Hon. Chas. B	Albion Lagers Co.	Mich.
Gregory C. O.	McAlmon	N Y	Summons, John	1113 Hurst St., Ft. Huron	Mich.
Hamilton, Wm. F.	Sterlington	Iowa	Taylor Est. Robert	Orissa	Neb. (#12)
Heatherball Farms	Belleville	N Y	Tait, J H.	R. S. Warner	Pa
Hicks R A	Colebrook	N Y (#15)	Watson Bros.	R. S. Fourbush	Mich.
Hugh A W & Sons	So Worcester	N Y	White, A F	Hartsville	N Y
Inter State Sheep Farms	Atkinson Depot.	N Y			

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Signature _____ Page 44

DATE	DESCRIPTION	AMOUNT	BALANCE
1911	Jan 1		100.00
	Feb 1	10.00	110.00
	Mar 1	20.00	130.00
	Apr 1	30.00	160.00
	May 1	40.00	200.00
	Jun 1	50.00	250.00
	Jul 1	60.00	310.00
	Aug 1	70.00	380.00
	Sep 1	80.00	460.00
	Oct 1	90.00	550.00
	Nov 1	100.00	650.00
	Dec 1	110.00	760.00
1912	Jan 1	120.00	880.00
	Feb 1	130.00	1010.00
	Mar 1	140.00	1150.00
	Apr 1	150.00	1300.00
	May 1	160.00	1460.00
	Jun 1	170.00	1630.00
	Jul 1	180.00	1810.00
	Aug 1	190.00	2000.00
	Sep 1	200.00	2200.00
	Oct 1	210.00	2410.00
	Nov 1	220.00	2630.00
	Dec 1	230.00	2860.00
1913	Jan 1	240.00	3100.00
	Feb 1	250.00	3350.00
	Mar 1	260.00	3610.00
	Apr 1	270.00	3880.00
	May 1	280.00	4160.00
	Jun 1	290.00	4450.00
	Jul 1	300.00	4750.00
	Aug 1	310.00	5060.00
	Sep 1	320.00	5380.00
	Oct 1	330.00	5710.00
	Nov 1	340.00	6050.00
	Dec 1	350.00	6400.00

[illegible]

CHEVIOT SHEEP BREEDERS (contd.)

Harris Ralph	hokomo	Ind	Peterson Andrew	Box 908 Ashland	Wis. (s 1 s 9 12)
Harris T & Sons	hokomo	Ind	Ph 1 p Geo. A	Bear Creek	Wis (s 1)
Harvey Henry C	Bristol	Vt	Platsted R. A. & Son	Penn Yan	N Y
Hays H H	Faunburg	Ill	Postle F. L.	Camp Chase	Oh o
Helms Al n	Belleville	Ill	Postle Wayne C	Centerville	Ohio
Hevener John	Cloverlick	Ill	Potter H T	Cors ca	Pa
Hewesburt Farms	Versville	N Y (s 7 8 9)			
Heyl Geo A	Washington	N Y			
Hicks Ray A	Colebrook	N Hamp			
Hight Mrs Emma	Skowhegan	Me ne	Rand Clifton A	Lakeport	N Hamp
Hiller Ira J	Ray City	Me ch	Rank n John H	Fennell	N Y
Hillis A W & Son	South Worcester	N Y (s 7 8 9)	Reger Ol e B	Red Rock	W Va
Hively Walter S	Salem	N Y	Renacker C. L.	Dry Ridge	Ky
Hobbs Paul M	North Hampton	N Hamp	Reppart J S & Sons	Cadiz	Oh o
Horning Lloyd E	Cast le	N Y	Rice Harry M	Boscobel	Wis
Horton G Ibert	Lodi	Wis	Richards & Richards	Lodi	Wis
House H H	R chld Spr	N Y	R hards Thos	Salem	Oh o
Howard Francis	Sisters Ile	W Va	R chart Emanuel F	Mendota	Ill
Howard L L	Montpelier	Ind	Ruggle C. R.	Houston	Pa
Huffman J J	Napantee	Ind	Rooney Sarah N	Baraboo	Wis
Hughes E W	Sherman Mills	Maine			
Hurst Geo W	Flemmingsburg	Ky			
Huston A H	Olds	Iowa			
Iseminger John	Hudson	Iowa	Sanders J K	Hubble	Ky
Jackson Austin F	Coblesk ll	N Y	Sanders Wm B	Union Trust Bldg Cleveland	Ohio (A 5)
James Howard F	Sncclairville	N Y	Schwab Chas M	Loretto	Pa
Jarvis Ira J	Hartwick Seminary	N Y	Seabrey Erv n	Friendship	Pa
Johnson Alva B	Woodstock	W a (c 1)	Seabreeze N M	Phidelpia	N Y
Johnson Farms Inc	Waterloo	Iowa	Seitz Adam & Son	Waukausha	W Va
			Selm er Frank	N Vernon	Ind
Keene E A	Danville	Ma ne	Senff Geo. R	Bremont	Ind
Kelly L C & Son	Marshall	M h	Sheldon B H	W Oneonta	N Y
Kendall W B	Long Branch Fm Bowdoinham	Ma ne (s *)	Shilling Wm.	Deerfield	Ohio
			Shoemaker M Holmes	50 Foster Avenue Elmira	N Y
Landers E D	Upper Li le	N Y	Shriner W B	Al e	N Y
Landis Joseph C	College Ile	Ill	Skilworth Albert H	Mattetuck	N Y
Lantz S I	Congrev Ile	Pa (c 2)	Snes Bertes W	Walton	N Y
Larabee Sterling	Warrenton	W a	Skinner John	Harmen	Nebr
Lee D S	Peoria	Ill	Slazle J H	Plain C ty	Pa
Lee H W	Oneota	N Y	Smith F M	Elldston	Ky
Little A E & Co	Serous Farm Marblehead	Mass (s 2 6)	Smith Mark J	Burdette	N Y
Lloyd John H	Cambrja	Wiss	Smith Mary Ell ot	Cooperstown	Pa
Lockwood D mon	Topst eld	Mass	Stanford E L	Chestnut H ll	N Y
Lodder Myron H	De Graff	Mass	Stewart S D	Bath	N Y
Lough G W	Hartwick	Oh o	Swartout Geo R	Hartwick Sem	N Y
Luce Fred C	New Vineyard	Ma ne	Sw shen C J	Lost Creek	W Va
Lyon H I	Alb on	N Y			
Lyons Chas	Lee	Ma ne	Ta bot Claude L.	Wt Vis on	N Y
			Teller Thos	Hartwick	N Y
McClain Harry L.	Lima	Oh o	Tennyson W H	Chestertown	N Y
McClain Howard & Son	Lima	Oh o 1 p 5	Thomas M L	Crown Point	Maine
McCoy Bros	C relieve	Ma ne	Twombly Guy M	Monroe	Maine
McDowell Fred W	Mercer	Penn (s 11)			
McGro & W Kings	Indian Springs	Ind	Unvers ty of California	Davis	Calif (s 1 s 6 12 p 7 A 4)
Machinlay James R	Auburndale	W	Unvers ty of Kentucky	Lexington	Ky (s 1 2 s 3 8 9 s 4 5) p 2
McLaughlin Edson	Co adila	N Y	Un vers ty of Maine	Orono	Maine (s 2)
McMath C A	Corl ss	Mass	Unvers ty of Minnesota	St Paul	Minn. (s 10 s 1 2 6 A 4) W a (s 2 3 6) p 1 A 4)
Manners Guy	Stelburn	N Y	Un vers ty of Wisconsin	Madison	
Manning H W	Saratoga Springs	N Y			
Marlette H W	Mt V on	N Y	Vorhies Henry W	Low Reach	N Y
Marks Dr Percy F	Walton	W Va			
Marshall C H	Vergennes	Vt	Wallac John E	Kansas C ty	Mass
Mea ham I ros	Downum	Ma ne	Warren E D	Ovnd	Mich
Meridale Farms	Mered th	N Y	Webster L A	Wh tng	Vt
Meyer O Jackson	Glenmore	Pa	Well Jay D	Lex ington	Ky
Miles Wm G	Evans Ile	Wis. (s 11)	Wellsinger A A	West Chester	Ohio
Mish Arch e R	Hudson	Iowa	Wendie Geo C	Ricklens	Pa
Moore Frank	Madison	Ma ne	West Fred D	Saratoga Spa	N Y
Moore K C	London	N Hamp	Weston Dr B M	Swagquarter	N Car
Munn Dr Wayne A	Janesville	Wis.	White A F	Hornell	Pa
Newberry A F	Pontiac	M h	Whitmore W P	Cros on	Calif
			Whitmore Geo.	Cros out H E	N Y
Newbold Arthur E	Ph lad phia	Pa	Whor Hon D I	Onondaga	N Y
Newhard Geo H	1 bu Grove	W Va	Whor S h	Savina	N Y
Nichols Lew s E	Mt Bethel	Pa	W kw C M	Conneautville	Pa
Nobis R L	Springville	N Y	W kins Harry E	Wes rop	W Va
Nolt ne Carl H	Tre ilaus	N Y (A 8 9)	W kins C n	Wes rop	W Va
			W kins E W	Jacobs Farm Peoria	Ill
O'Connell J L	Le Saucet Center	Maine (s 1 3)	W kins S W Jr	Bow o	Maine
Otis H H Farm	Woodstock	Vt	Woolman Geo C	Bethel ington	Mich
			Wool L P	Ston ed	Ky.
Pamper Henry R	Stonington	Conn.			
Parnell Geo W	Crawfords Ile	Ind.			
Parr John	Hartwick	N Y			
Perry N a College	State College	Pa (s 1 2 3 6 p 1)			

RAMBOUILLET SHEEP AMERICAN RAMBOUILLET SHEEP BREEDERS ASSOCIATION (12) Marysville, Ohio

PROMINENT BREEDERS

Adams T B	Sonora	Tex	California Polytechnic School	San Luis Obispo	Calif
Adams, Thomas	Parowan	Utah	Campbell L H	Morgan	Nich
Agricultural College of Utah	Cedar City	Utah	Card G P	Reading	Nich
Branch			Cardwell O W	Christoval	Tex
Agricultural Experiment Sta	Substation No 14 Sonora	Texas	Carmichael & Barling	Riverton	Wyon.
on Texas			Carr J P	Bartonsite	Tex
Agricultural Expen Station	Stillwater	Okla (#2)	Chandler E C, & Sons	St Johnsbury	Vt
Oklahoma			Chapman Max	Cambridge	Idaho
Agricultural College Oregon	Corvallis	Ore (#10 #6 8 #5 #2)	Chase Bros	Willow Lakes	S Dak #1 5, 6 #1 7 #3)
Agriculture, Iowa State	Ames	Iowa (#10 #2 6 #7 #1 2)	Chivers Thomas C & Sons	Malad	Idaho
College of			Christal J R	Denton	Tex
Agriculture New Mexico	State College	New Mexico	Chubb Bros	Howell Mich	Mich
College of			Cliley L F	Clarksville	Mich
Agriculture Exp Station Tex	College Station	Tex (#2 10 #7)	Clark Fred W & Son	Wyoing	Utah
			Clark P A	Clark	Ohio
Albright Alex	Dundee	Tex	Choe L W	Mt Pleasant	Ohio
Alge M	Arlington	Ohio	Coates Asa	Belle Fourche	Utah
Alge Philip	Arlington	Ohio	Cock & Bennett	Wash (#2 10)	S Dak
Allen, Hyrum	Teton City	Idaho	Coffin Stanley H	Alama	Wash
Allen Thos H	Parowan	Utah	Coleman E H	Narysville	Ill
Allen & Lafollett	Pineville	Ore	Comly Seth	Pecatonica	Colo
Ames Beet Sugar Co	Rocky Ford	Colo	Cooper & Scatt	Ignacia	Idaho
Anderson A H	1145 E 13th St	Salt Lake City	Corner Bros	Hansen	Idaho
Anderson Allen B	Linwood	N Y	Cosner Henry	Loudonville	Ohio
Anderson Geo M	Camp Crook	S Dak	Craig B W	Mukwanago	Wis
Arn W B	Kenton	Ohio	Craig Chas H	Lowden	Wash
			Cress S T	Brada	Tex
			Croll Henry Jr	Beaverton	Mich
Baldwin Ira	Hastings	Mich	Cross H S	White Creek	N Y
Baldwin Sheep Comp	Madras	Ore	Crow French	Manon	Ohio
Ball Robert	New Castle	Neb	Cunningham S C	Burgertstown	Penn.
Ballard D A	Troy	Ind	Cunningham Sheep & Land	Pilot Rock	Ore
Ballinger C A	Lexington	Neb	Comp		Iowa
Bame D	Arlington	Ohio	Cupp W V	Stockport	
Barton L C & A A	Beaver	Okla			
Barton J P & Son	Beaver City	Okla	Dalton John S	Parowan	Utah
Bates A A	Iraho	Ohio	Davidson A	Fort Bridger	Wyon
Baxla J P	Muncie	Ind	Davidson J E	Orma	Ohio
Beardslee J H	Owoso	Mich	Davis Gail	Midford Center	Ohio
Beardsley H C	Montour Falls	N Y	Davis John M & Son	Hamilton	Mon
Bench S E	Salina	Kansas	Davis Williams Co	Deer Lodge	Mon
Benedict E R, & Sons	Leadore	Idaho	Dawson H E	Simms	Mon
Benedict P A	Marango	Ohio	Day Farms Co	Parowan	Utah
Bennett Frank P	Boston	Mass	Decker Perry A	Viola	Wis
Bennett Thos	Parowan	Utah	Deer Lodge Farms Co	Deer Lodge	Mon
Benson Richard M	Parowan	Utah	Delburst Farms	Mentor	Ohio
Bentley L E	Parowan	Utah	De Long C H	Forest	Ohio
Beuer Fred	Omro	Wis	De Messemaker Will.	Tampco	Mon
Bible Joe U & Bros	Parrotsville	Tenn (#5)	Dent Calvin T	Plush	Ore
B g Brend Alberta Land & Cattle Co	Spokane	Wash	Dickens Charles	Prairie Depot	Ohio
			Ditzler C F	Bluffton	Ind
Big Draw Sheep Co	Narada	Kan	Dixon W S	Brandon	Wis
Blings G F	Rosewell	New Mex	Donald J F	Lake Arthur	New Mex
Bird K W	Salina	Mon	Doty Ades	Natville	Ore (#1 5 #
Bishop E A	Rawson	Ohio	Downing Wm	Lyon	Ill)
Blacklock Mrs Bazetta	Farmington	New Mex			
Blackman J G	Bracketsville	Tex	Drsdale T L	Juno	Tex
Blamer & Son O J	Johnstown	Ohio	Duff E Seely P	Leicester	N Y
Bles C S	Saginaw	Mich	Dukes L S & Son	Pandora	Ohio
Bode L L & I E	Del Rio	Tex	Dunlap A L	Lupton	Mich
Bodley R E	Boroman	N Y	Dunn Geo F	Deshler	Ohio
Boe & Loraas	Harlem	Mon	Durn Frank	Camp Crook	S Dak
Bolding Bros	Lampasas	Tex			
Boner F W	Hat Creek	Wyon	Earwood Floyd	Comstock	Tex
Bowman, N T	Farmington	New Mex	Edmiston Arthur	Amersock	Kan
Bowsher T E	Buckland	Ohio	Edsall Ray C	Hulet	Wyon.
Bradford W A	Butler	Ky	Fliott R W	Bend	Ore
Brandon John R	Lampasas	Tex	Ellott S J	Marysville	Ohio
Bratt C S	Arnpheo	Neb (#6)	Ellott Wesley	Marysville	Ohio
Briggs F C	Trumansburg	N Y	Ellis J C & Sons	Evansville	Wis
Brogden Thos L	Krum Lake	Wis (#5 7 11)	Emrick R E	Conrad	Mon
			Evans Bros	Marysville	Tex
Brown E A	Pratt	Kan	Evans C W	Balling	Ind
Brown I S	Ab lene	Tex	Evans Frank	Crawfordsville	N Dak
Brown Jasper D	Fort Morgan	Colo	Evans Thomas	Taylor	Ohio
Bryant Royal A	Hast ngs	Mich	Lwing J Calvin	Youngtown	
Bryant T H	McKinney	Tex			
Buffalo Creek Sheep Co	Buffalo	Mon	Farrington Walter	Richwood	Ohio
Bull F F	Cedarledge	Colo	Farrington Charles T	Iron Mtn	Wyon.
Bull J S	Cortland	N Y	Fawcett E T	Zaneweld	Ohio
Bullard F N	Woodland	Calif	Fenderson Garnett	Carmel	N Y
Bundy S S	Rosevelt	Tex	Fenton R L	Parowan	Utah
Burger A	Butler	Ohio	Fisher J S	Woodstock	Ohio
Burkhart R C	Jabonon	Ore	Fisk Dr W Hayden	Lakeview	Ore
Burlingame C F	Byron	Mich	Fleck Lewis	Loree	Ind
Burlingame L C	Walla Walla	Wash	Funk Deans N	Bloomington	Ill
Burnham W A	Augusta	Mich			
Burns L L	Knowlesville	N Y	Garburey R R	Hartford City	Ind
Burns J A	M Ikin	Mich	Calbra th G C	Yuba City	Cal
Butterfield Live Stock Co.	Hulet	Wyon	Gammans Mrs F A	Yale	S Dak
	Wrier	Idaho (#7)			

RAMBOUILLET SHEEP BREEDERS (contd)

Gardner Donna	Dovina	Tex	McNaughton John	Caledonia	N Y
Geary Ernest W	Lima	Mon	McPhee Hugh M	Islay	Wyom
Gilbreath W J	Monte Vista	Colo	McRobert D L	Boreman	Mon
Gillitt Sheep Co	Castleford	Idaho	MADSEN JOHN R	Mt Pleasant	Utah
Gill's Roger	Del Rio	Tex	Nadson Chris	Olatih	Col
Gillis Walter H	Del Rio	Tex	Nahaffey Wm	Lemhi	Idaho
Grauman Chas H	North Lewisburg	Ohio	MANTI LIVE STOCK CO	P O Box 406 Mandi	Utah
Graves Jay P	Spokane	Wash	Markham W G	Avon	N Y
Gray Dotiea	San Angelo	Tex	Marsden Milo	Larowen	Utah
Green F P	San Angelo	Tex	Mathier Wm	Adams	N Y
Greewood & Son Frank	Del Rio	Ind	Merritt J B	Woodland	Calif
Griffin J N	Angola	Colo	Miller Wilbert W	Columbia City	Ind
Griffiths A H	Montrose	N Y	Miller & Lux Inc	San J rancisco	Calif
Grimes & Son F H	Nunda	Tex	Mulligan Jas I	Chapeno	Wyom
Gude R L	San Angelo	N Y	Mills Wm G	Evensville	Wis
Gunder H O	Icoria	Ohio	Moon M C	Clarkston	Mich
Guthrie June T	Chateau	Mon	Moore J B & Son	Del Rio	Tex
Hall John H	Gering	Nebr	Moran Chas L	Irwin	Wash
Halse A J	Sheriden	Mon	Moran J M	Starbuck	Cal
Hamilton Hal A	Del Rio	Ind	Moulton A F	Utah	Wis
Hammitt J M	Bryant	Tex	Mulks W C	Whitewater	Tex
Hanks D T	San Angelo	Tex	Murphy Frank & Sons	Sonora	Kan
Hanna W R	Harvey	Iowa	National Sheep & Land Co	Lusk	New Mex
Hannah V D & Sons	Albion	Idaho	Neal Claude	Jamestown	Idaho
Harding Ruth S	Tankerly	N Y	Neel J Frank	Grady	Utah
Harkney Sam	Huntertown	Ind	Neer I D	Twin Falls	Idaho
Hathaway J S	Argyle	Ohio	Neison Francis J	Mt Pleasant	Utah
Hattery Harold	San Angelo	Tex	Neiser Henry	Burnfork	Wyom
Heath J P	East Liberty	Ohio	Nelan Maurice	Linden	N Y
Henderson S L	DeGraff	Tex	Nicholson Thos	Hobson	Utah
Herd C S	East Liberty	Ohio	Nielsen A M	Mt Pleasant	Mon.
Herd J Bry	DeGraff	Ohio	Nihl Patrick	Moore	Mon.
Heyman Mrs J	DeGraff	Kan	Niven Wm W	Manhattan	Tex
Heyman Geo A	Scottsbluff	Kan	Noelker Wm	Mertzon	Mich
Hiersche Broz	Kenton	N Caro	Noon Robert J	Jackson	Vt
Huchst p J F	- Emporia	Kan	Norris J L Jr	Lyndonville	Utah
Hult W W	Harlem	Mon	North Canyon Shep Co	Salt Lake City	Mon
Hillard H S	Homedale	Idaho	North Montana Sub Station	Haave	Mich
Hilton W J	Aubum	N Y	Nye & Son E E	Jonesville	Mich
Hiserodt Wm	Emporia	Kan	O Donnell W F	Marion	Tex
Hortenstein R V	Adena	Ohio	Oliver Dee	Balinger	Utah
Hoot F M	Isabella	Okl	Olson Guy	Mt Pleasant	Utah
Houk & Sons H L	Woodstock	Oh o	Orton John P	Larowan	W Vir
Howard Paul	Hicksville	Ohio	Owings Geo	Holl days Cove	Ind
Huber & Son A A	Turnesville	Tex	Parker L W	Wolfake	Tex
Humes A T	Kinde	Mich	Patterson & Bundy	Roosevelt	N Y
Hunter James	Farmington	New Mex	Patridge L B	Leicester	N Dak
Hutchinson Geo. E	Pagosa Springs	Colo	Iazandak Jos	Fullerton	Wis(1,5 11)
Hyler Welch	Dayton	Wash	Peterson Andrew	Box 226 Ashland	Ind
Jackson R A Est	Nov ce	Tex	Peterson Maurice I	Linden	Wash
Jayroe Edgar	Kimberly	Idaho	Pett t Bros	Burgettstown	Penn
Jay Alvah	Jeffins	Was	Phillips Ernest	Avon	N Y
Jeffins M R	Florence	Kan	Piper F	Addison	N Dak
Jefferts S S	Strocl	S Dak	Plummer Davenport	Three Runs	Ienn
Jensfield Osmond	Troy	Colo	Port James	Oakley	Idaho
Johns W H	Fort Collins	Calif	Poussin P A	Mt Pleasant	Utah
Johnson Elmer	Red Bluff	N Dak	Pratt Dell	Moneta	Wyom
Johnson Estate	Michigan	Tex (113)	Preston W H	Springwater	N Y
Johnson M A	Box 3 San Angelo	New Mex	Price Huram	Mt Viewview	Tex
Jones D T	Tatum	W s	Proe Robert	Moneta	Wash
Jones Robert J	Jonrau	W s	Proser W Lam	Townsend	Ind (r 6 s 1
Jones Samuel & Son	Ephra n		Purdue L n verity	Lafayette	2.6 p 3 s 2)
Jorgenson G bert	Beaver				
Joseph J T & Son	Wharton	N Carol			Wyom.
Kear S C	Slippery Rock	Penn	Quarely Sheep Co	Cokevile	Idaho
Kewener & Maxwell	Reaner	S Dak	Raney Lou s F	Salmon	Mich
Kelly W F	Packwaukee	W s	Rauch Wm	Marysville	Mich
Kempsey C H & J H	Cassid	Cal	Rauch & Son Henry	Arroyo	Colo
Kern John	Townsend	Wm	Reichert Fred	Forest	(Ind)
Kirschbach Carl	Hanford	Calif	Raele C M	Mt Pleasant	Ind
Kimbale Charl A	Cheyenne	Wyon	Roberts & Dante	11 North Ave Havert.2	Main
King Arthur	Laramie	Wyon	R Roberts Sylvester	Mt Mon	Ind
King Frank S	Burlington	Kan	Rogers T J & Son	Carbo	N e
King F N Brook	Pocatedge	N Dak	Roe de J N	Sawnee	Laabo
King K C	Lockspede	Ore	Rommager W E	Lawman	Tex
Kinn n A J	Burns	Min	Rowler George W	Ketterway	Wash
Knutson Isaac	Nig Timber	N Dak	Rugger J d W	Lower Park h wathing	Wash
Kreh Charles P	Lee Creek	N Dak	Russell Howard W	Larowe	Wash
Langhus L J	Alaska	Tex	Rusner Ary C		
Lawrence L B	Tankerville	Ind	Saba A H & Son	Galla n Gateway	Mich
Lee L I	Markle	Wyon	Sabers M C	Br. at	N Y
Lee Walter	Ontio	Can	Sabers N T and Son	Harvey	N Y
Leah D W	Emporia	Can	Sabers M I	Lawman	N Y
Lyman C W	Ark	N Y	Saba J B H	Lawman	N Y
Lynn John	Ark	N Y	Schubert J F	Lawman	N Y
Lyons A L	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	N Y
McClure & Co Cattle Co.	Ark	N Y	Schubert J F	Lawman	

RAMBOUILLET SHEEP BREEDERS (contd.)

Selway & Gardiner	Anacosta	Mon.	University Cornell	School of Agriculture, Ithaca	N Y (13
Serrano, Minnie M	Miles City	Mon.			7 8 9 10 14
Servoss, Guy	Maid City	Idaho			5 6 7 8 12 13
Shellock & Sons	Lakeview	Ore	University of Illinois	Urbana	11 (12 13
Sherman, H P	Aured Station	N Y			7 8 9 10 11, 12
Shultz, T. A.	Paoli Rock	Tex			5 6 7 8 12 13
Shultz, O. A. & Son	Sheridan	Mon.			5 7 11
Sierra Nevada Livestock Co.	Constitution	Calif	University of Nevada	Reno	Nevada (1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100)
Simms, C. E.	Boreman	Mon.			2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Simmons & Barge	Rapid City	S Dak.			2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Sioux, Hal	Brookings	S Dak.			2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Smiley, M. J.	Brattleboro	S Dak. (14)			2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Smith & Davis	Grand	Ill.	Vanelder, J. E.	Hammondsport	N Y
Smith, Freeman A.	Bozeman	Mon.	Verwoed, Guy	Shanahan	Mon.
Smith, Harry L.	Tendoy	Idaho	Viertel, Hugo T.	Jonesboro	Tex.
Snyder, C. F.	Mt. Pleasant	Utah			
Sorensen, Geo. C.	Spearsburg	S Dak.	Waddington Farm	Elm Grove	W. Va.
Stearns, Ashton	Albion	Ind.	Wagar, Fenton H.	Nashville	N Y
Stewart, L. V.	Dayville	Ore	Wallace, Libb	Sonora	Tex.
Stocks, Bails	Tankersly	Tex.	Ward, J. A.	Sonora	Tex.
Stocks, Joe	Tankersly	Tex.	Ward, J. M.	Parowan	Utah
Stokes, M. N.	Sonora	Tex.	Ward, Rex C.	Parowan	Utah
Stokes, W. R.	Bellmore	Ind.	Ward, W. A.	Elba	Idaho
Storley, Otto	Austin	Tex.	Wardlaw, Mrs. Leska	Carls Valley	Tex.
Store, A. J.	Nunda	N Y	Warren, Allen	Snyder	Tex.
Story, Mrs. Katharine F.	Bozeman	Mon.	Warren, Willard	Newell	S Dak.
Strode & Dorsey	Hill	Mon.	Warrener, S. A.	Bowling Green	Ky.
Strutz, R. E.	Reynolds	N Dak.	Washington, State College of	Pulman	Wash. (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100)
Stuart, Arthur	Sonora	Tex.	Waterbury, Stephen	Maddeport	N Y
Swingewood, Albert	Anso	Idaho	Watson, Wm.	Spencerville	Ind.
			Webster, H. L. & F. M.	Warsaw	N Y
			Welch, Ed.	Livonia	N Y
			Weller, V. W.	Draper	Wyom.
			Welman, C. V.	Perry	N Y
			Whitcraft, H. H. & Son	Greenwood	Ind.
			Wheeler, Charles J.	Noblesville	Ind.
			Wheeler, M. L.	Belknap	Iowa
			Wheeler, W. R.	Del Rio	Tex.
			Wickham, P. B.	Gen. Ullin	N Dak.
			Wilber, George M.	Laraville	Ohio
			Wilkinson, Paul	San Angelo	Tex.
			Williams, E. C.	Zanesfield	Ohio
			Williams, George & Son	Elkhart	Tex.
			W. H. H. Stowe	Mertzon	Tex.
			Wilcox, Mrs. Roy	Paoli Rock	Tex.
			Wilson, R. G.	Sheridan	Mon.
			Wuon, Rufus	Mt. Pleasant	Wyom.
			Wunfield, George	Reno	Nev.
			W. W. Frank	Gessie	Ind.
			Woodward, Walter M. Jr.	Nassau	N Y

DELAINE MERINO SHEEP

AMERICAN AND DELAINE MERINO RECORD ASSOCIATION (13)

Xenia Ohio

PROMINENT BREEDERS

Adams B. C.	Kimbolton	Ohio	Calvert, Clarence	Swains	Penn.
American Exp. Sta., Ohio	Wootter	O. 20	Carpenter, Ed. L. Troy	Box 173	Tex.
Alexander, J. M.	Bond	Tex.	Carson, J. Emmett	West Ferry R.R. 4	Penn.
Anderson, Kenneth E.	Frankenburg	O. 9	Chandler, A. O.	Room, old R.R. 1	Iowa
Andrews, Warren R.	Prattsburg	N Y	Clark, E. J.	Wakeman R.R. 3	Ohio
Arnett, F. H.	New London, R.R. 3	Ohio	Clark, J. R.	Coolville R.R. 2	Ohio
Asmussen, F. B.	Manor	Tex.	Clayton, F. E.	Talpa, N. K. 2	Ohio
Atkins, H. F.	Burnet	Tex.	Cline, F. F.	Ber. n. Crater	Ohio
			Clum, H. E.	Thornville	Ohio
			Cochran, N. D.	Hanover	Ohio
Baker, F. A.	Cumberland	O. 10	Conley, F. H. & Son	Maple Run	N Y
Barber, Arthur	Lawrence	Mass.	Cottrell, Wm.	Johnsboro	Ohio
Barnes, E. H.	New London, R.R. 2	Ohio	Culler, D. R.	Lucas R.R. 1	O. 9
Barnes, John Truman	Johnstown	Ohio			
Bell, J. I.	Talia	Tex.			
Bell, D. K. & Son	Clarksville R.R. 2	Penn.			
Bell, J. J.	Mt. Glad	O. 10	Darragh, Steinmetz	Ma. bl. Falls R.R. 1	Tex.
Bell, J. J.	Bloomfield, R.R. 7	Iowa	Davis, C. F.	Norwich	O. 9
Bell, J. J.	Clenton	Ohio	Day, Calvin S.	Old Concord	Penn.
Bell, J. J.	Talpa	Ohio	Dean, Jacob & Sons	Chesley	O. 10
Bell, J. J.	Mt. Glad	Ohio	Detman, A. T.	San Angelo	Tex.
Bell, J. J.	Wick	W. Va.	De la te W. W. & Sons	Johnson City	Tex.
Bell, J. J.	Kocher	Ohio	De la te W. W. & Sons	Vienna House	Tex.
Bell, J. J.	Junction	Tex.	Dunlap, F. & Son	Sycamore	Ohio

DELAINE MERINO SHEEP BREEDERS (contd)

[illegible]

KARAKUL SHEEP

AMERICAN KARAKUL FUR SHEEP REGISTRY (14

Syracuse, New York State

PROMINENT BREEDERS

Blakeslee F B Bronson Donald O	Medon Sherrill	Ohio N Y	Karakul Fur Sheep Farms Krause A. H.	Fayetteville Omro	N Y Wis
Carr J. Cocks Hon Wm W Cole F S	Milo Tully Old Westbury Omro	N Y L I Wis	Limbeck Charles F	McGreggor	Iowa
Dawley F I	Fayetteville	N Y	Macklin Fred L.	Schuylerville	N Y
Erman Kenneth	Kenwood	N Y	Pease J H	Booneville	N Y
Garsery I A Goffena Edward	Lynxville Delphia	Wis Wis	Raquemore Mrs R D	Cooperstown	N Y
Hampshire Sheep Ranch Hendrick Richard	Roseton Booneville Flint	N Y Mich	Timler J F	Schofield	Wis
Ives Geo	University Club St Louis	Mo	Vickers H W	Little Falls	N Y
Jones F I	Maple View	N Y	Wiese Ed & Son White Earl Wood F B	Manning Caledon Athena	Iowa (c 1) Penn. Ore

The
**NEW IDEA
MANURE SPREADER**

*For the distribution of all types
of barnyard or stable manure*

Durably built—frame work of steel—entire machine riveted throughout—strong efficient and requires few repairs. Guaranteed for one year against breakage



The life-time spreader. Reduces manure to fine fragments and spreads it smoothly from 7 to 10 feet in width. Feed ranges 4 8 12, 16 and 20 loads per acre. Two horses handle average load with ease. Weight about 1,500 pounds.

The original "wide-spreading" spreader. Manufactured and sold for 30 years and successfully used by leading breeders throughout the world.

Write for catalogs and special introductory offer for foreign countries

Built by

THE NEW IDEA SPREADER COMPANY
Factory—COLDWATER, OHIO, U.S.A.

Peoria Illinois

Anderson Wm	Plainfield	Ill.	Minnesota Holstein Company	Austin	Minn.
Angle E C	Ray	Ill.	Morrow George	Jos	Ill.
Bader John	Scribner	Nebr	Morrow M F & Sons	Jow	Ill.
Barnd De Forest E	B thany	Ill.	Math C A	Aurora	Ill.
Barry J E	Buda	Ill.	North Platte Farms	North Platte	Nebr
Baugman Carl E	B ue Mound	Ill.	Oa ver J R	Wh town, ht	Tex
Bishop L E	New London	Iowa	Peacock W H	Co. hran	Georia
Briggs, Walter P	eward	Nebr	Perry C C	Amadarko	Oala
Bwaters R H	Can den Point	Mss	Powle Herman & Sons	West Port	Nebr
Cameron Wm Donald	Hanna Ctv	Ill.	Post Allan H	Ensmore	N Y
Carr Herbert J	Harvey bur	Oh o	Raup Chandler P	Spr ngfield	Ohio
Churchina Stock Farm	New Carlis e	Oh o	Rupp Jas & Sons	Laland	Ill.
Dexheimer C P	Spencer	S Dak	Samuelson, B A & Sons	A ron	Iowa
Dickson, J L	Clarence	Miss	Sand Ralph	Genesee	Ill.
Dodson, Ira H & Sons	Jov	Ill.	Shallenberger Farms	Argyle	Ill.
Gettigh Howard	New Carlisle	Oh o	Smith J F & F C	Groesport	Ohio
Harper J R & Sons	Amer	Iowa	Stalhe n Farms	Harvard	Ill.
Hie e John & Sons	Owatonka	N an	Stewart Hu h h E tate	Washington, C H	Ohio
Hie ndale Ran h	campus	Kan.	Terpenitz Wilber	Galesburg	Ill.
Immergreen Farms	Loretto	Pa	Terrell C C	New V enna	Oh o
Jackson, Ira	Tippencanoe Ctv	Oh o	Thomas Stock Farms	Pleasanton	Kan
Jackson F W	Scribner	Nebr	Trer Mike	hrota	Iowa
Jackson Brothers	Riverside	Iowa	Univers ty of Illinois	Urbana	Ill (1 2, 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Lehmann Lester L	Pleasant Plains	Il	Univers ty of Kentucky	Lex ngton	Ken
Lehman George I & Sons	Acletown	Tex (p 4)	Vanderhyde F S	West Concord	N an
Longview Farm	Lees Summit	Miss	V pond J A & Sons	Algona	Iowa
Loveland Rancho	Brawley	Calif	Walischmidt & Schner der	Metamora	I
M Guire G F & Sons	Wlner	Nebr	Wel h Brothers	Beloat	N br
Mchee Brothers	reston	Iowa	Wdle R. & Son	Gena	Nebr
McLouth J F	Mitchell	S Dak (c 2)	Woodbury Farms	Sebatia	Kan.
Marts, B N	Hampton	Iowa			
Milare C	Holyoke	Colo.			
Mullen George W	Idalia	Ill.			
Mull J Turner	McNabb	Nab			

Maryville- Missouri

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POLAND CHINA PIG BREEDERS (contd)

Theye Bros	Odell	Nebr	Wade O L	Rusing City	Nebr
Thomas E H	Aurora	Mo.	Wadleigh H L & Sons	La Junta	Colo
Thomas Glen	Shenandoah	Iowa	Walker R C	Blackwell	Okla
Thompson Bros	York	Nebr	Warb nton Ed	Oswego	Kan.
Tharks A F	McClelland	Iowa	Ware P L & Son	Paola	Colo
Tiemeyer E L	Leopold	Mo	Webb Edmond	Longmont	Colo
Tisarat Peter J	Louis City	Nebr	Wendert D C	Nixon	Tex
Tyson Isaac F	Olafhe	Kan	Wessels H A & Son	Creston	Ia
Ulrich Herman	Steinauer	Nebr	Wetzel John P	Belleville	Ill
Un vers ty Cornell	School of Agriculture Ithaca	N Y (c 1 3	Whitt F F & Son	Gallatin	Mo.
		8 9 10 14	Widstrom Nick	Leigh	Nebr
		5 6 12 13 2)	Wibe G A	Beatrice	Nebr
Un vers ty of Illinois	Urbana	Ill (c 1 2 3	Williams Robert	Lees Summit	Kan
		8 9 10 11	Wills J E & Son	Prairie View	Kan
		3 6 12 13 2	Wingert G A	Wellsville	Kan
Un vers ty of Kentucky	Lexington	N Y (c 1 2 3	Wise Phil P	Bonham	Tex
		8 9 11 5)	Wittum D E	Caldwell	Kan
		6 12 1 2 1)	Wixon W L	Petz	Colo
Vanderlip Wm H	Woodston	Kan	Wyckoff S C	Kellerton	Iowa
Voorhes R A	McDonald	Kan			
		Kan	Zimmerman L. J	Savannah	Mo

HAMPSHIRE PIG

HAMPSHIRE SWINE RECORD ASSOCIATION (4)

409, Wisconsin Avenue, Peoria, Illinois

PROMINENT BREEDERS

Adams Phil P B	Monroe	N Y	Fales W D	Gooding	Idaho
Albrecht F C	Oh o	Ill	Fennell R J & Son	Camp Grove	Ill
Albrecht S mou	Tekliwa	Ill	F nney J H & Son	Frankmont	Nebr
Allen J I & Son	Oshkosh	Nebr	Fletcher T A	Loseville	Ind
Amana Soc ety	Homestead	Iowa	Flowerdale Farm	3000 Holmes St	Dallas Tex (p 7)
Anderson A M	Garrison	S Dak	Foster Geo. K	Tr bune	Kan
Anderson S P	Bocius	Nebr	Foutch Jesse	Lewistown	Ill
Arncson A O & Son	Mo Valley	Iowa	Fox Floyd	Ob on	Tenn
Avondale Hampshire Farm	Avon	Ill	Franklin F & Sons	Vinita	Okla
			Franklin J A	M dville	Ga
Bainbridge John	Kingsley	Iowa	Freitag D B	New Bern I	Ill
Barb te C A	Lowell	Ind	Frank G H	Ft Lupton	Colo
Bates & Bear Bros	Well nton	Colo	Fruits J W	Cambridge	Idaho
Batt & Yanky	New Castle	Ind	Fuller D C & Son	F nt View	Colo
Bauer J B	Harley	Iowa	Funderburg Clifford	Hunt nton	Ind
Bayless N A & Son	Crawfordville	Ind	Funston A H	W flow H ll	Pa
Benson Bennie	Harmony	N Y			
Bette F R	Mt Vernon	S Dak	Gardner G bert L	Connersville	Ind
B g Four Farms	Poweshie & Co Brooklyn	Iowa (c 10)	Garratt Floyd	Battle Ground	Ind
B tter C G & Son	Washington C H	Oh o	Gathier Frank C	Anthony	Iowa
Bloomngdale Farms	Somerville	N J	Gayoso Farms	Horn Lake	Mo ss
Boyd Sam D	Palmyra	Ill	Giesse H S	Palmyra	Ill
Bra nne er L E	Henderson	Iowa	Garard Lloyd	Canton	Nebr
Bra t C S	Arapahoe	Nebr	Gletty C K	Sheridan	W s
Brosman C R	Martinsville	Ill	Craff Fred & Sons	Seward	Nebr
Brothers O N	Christman	Ill	Gramling C L	Orangeburg	S Car
Broyles Mrs Lucy	Barnes C ty	Iowa	Grantham T A	New Bern	N Car
Burtzell Edgar G	Delavan	W s	Granrow W C	Alden	Iowa
Byrge Emmet	Barnard	Mo.	Gulberg A B	Mcbrill	S Dak.
Campbell Jno A	Murfreesboro	Tenn	Hadley Seth T	Hadley	Ind
Carley Wm Y	Betha y	Mo	Hadley Zene G	Wilmington	Oh o
Carper J Laurence	Buda	Ill	Haley Hubert	Buda	Ill
Cassady F W & Son	Whit ng	Iowa (1)	Hall W A & Sons	Vason	V ch
Ceder J P	Genoa	Nebr	Hanke Wm A	Holyoke	Colo
Cherrick R E & Son	Barlow	Oreg	Hem E R	Selma	Iowa
Chevenger H A	Summit Point	W Va	Henrichs Edgar	D ler	Nebr
Ch kott Bros	W sner	Nebr	Henrichs Geo	D ler	Nebr
Christen J M	Pacheco	Cal f	Henrichs T C C	D ler	Nebr
Christensen A B	Lindsay	Nebr	Henry Jerome J	Basco	W s
Cline & Sh play	Prosper	Tex	Hentzel Aaron	New Boston	Ind
Crag A K	Sheridan	Wyo	Heron Farms & Horner F d	cl Tipton	Ind
Cris her L W	Maquon	Ill	Hows L T	Le Grand	Iowa
Crawford J I	Lynn Grove	N Y	H ckman L Parson	Lovettsville	Va
Cribbs I L	Three R vers	N ch	Hugh I ont Stock Farm	Hamilton	Ohio
Croft Sam L	Fancy Prairie	Ill	H ntzen Fritz G	Vason City	Iowa
Crouch J H	Forrest	Ill	Holmsten R C	Caro	Nebr
			Hume C E	Morr s	Ill
De Griswilles F V & Son	Pipestone	N nn	Humer H E & Son	Princeton	Ill
Debb na O A	Cedary lie	Ohio	Hutch ns H D	Algonza	Iowa
Delle H W & Sons	Segu n	Tex	Hutch nson Lloyd	Burke	S Dak
Doverberger W & Son	Elwood	Ind			
Dowen ng W F & J C	Fulleton	N Y	Jackson Clarence & Sons	Joy	Ill
Drake Arthur	Clare	Ill	Jacobs Clarence	Fontlake	Ill
Duff eld Arthur	Browns Valley	N nn	Janssen He ko	Thornton	Iowa
Huckelw Limer	Hutchinson	Kan	Jahn I aul Wm & Sons	Van ill	Wash
			Johnson A P & Son	Garr eld	Iowa
I arleson W A	Buchanan	N Dak	Johnson Lee C	Hawkeye	Iowa
I art Loupe T	Mt Vernon	S Dak	Jones A C	Lexington	N Car
I lings Joe	Manhattan	Mo	Jones Lspey C	Centruha	Mo.
I l at H T	Mer co	Mo.	Jon is W Allen & Son	Mo Valley	Iowa
I lwood Stock Farms	Avon	Iowa	Jorgensen Hans & Grabbe	Overton	N Y
I mhouse I coral	Avon	Iowa			
I therson J J	Hol lerge	Nebr	Kettler Fred W	Mankato	N nn
I vana, T J	Shelby lie	Tenn	Keystone Farms	Marion	Ohio

HAMPSHIRE PIG BREEDERS (contd.)

Kinnikin, Thomas J	Iowa	Oklahoma	Rennick E S	Pilger	Nebraska
Klein O D	Idaho	Iowa	Rentschler Geo. F	Lakefield	Missouri
Knaab Harry M	Nebraska	Nebraska	Reynolds, Victor & Son	Newton	S. Dak.
Knaab Geo. M.	Mass. City	Ill.	Rusche Wm & Sons	Bancroft	
Kotiba Mrs. Joe	Mitchell	S. Dak.			
La Fuzze Chas. E.	Liberty	Ind.	Sample Co. A	213 N van Ness Fresno	Calif.
Lambert S L & Sons	Shelfield	Ill.	Sanders F L	Emmet	Idaho
Larrabee C. & F	Fort Dodge	Iowa (c11 p 3)	Sanders J M	Hartley	Iowa
			Scarff W N & Sons	New Carlisle	Ohio (s 2)
Lebus One & Son	Cynthiana	Ky	Schauble, Carl	Portage	Ill.
Lettow E J	Adrian	Iowa	Schneider Geo. & Son.	Sandwich	Ill.
Lillard Geo. P & Sons	Arlington	Tex.	Schoff Orben	Last Nation	Iowa
Lippold Geo. Jr	Avoca	Iowa	Sellers J A & Son	Lathrop	Mo.
Locatis, Matt.	Humboldt	Iowa	Sells Grover & Son	Gaston	Ind.
Lohman German L.	Lohman	Mont.	Shaw Art	Oskaloosa	Iowa
			Shaw Walter	Wichita	Kan.
McCall, Douglas	Opelika	Ala.	Shuler J D	Bowman	S. Car.
McKenzie Dr J B	Wilmington	Ohio	Siegelmann Bros	Collins	N. Dak.
McPheters, W. A.	Baldwin	Kan.	Snik John	Flores	Ind.
McQuady L. H.	Taylor Ridge	Ill.	Smith Dyke & Sons	Fleming	Colo.
McWilliams Roy P	Gallatin	Mo.	Smith H W	Cogswell	N. Dak.
Mangrum, T. A.	Ft. Branch	Ind.	Smith Harry L.	Silver Creek	N. Y.
Martin Isaac J	haboka	Mo.	Smith Oscar L.	Vason City	Ill.
Masters W J	Mapleton	Iowa	Smith S J & Sons	Chadwick	Ill.
Matheson F W	Dayart	Iowa	Snyder John W	St Johns	Mich.
Maurer L. A.	Versailles	Ky	Snyder M. L.	Madelia	Minn (c 4)
Mayhew John & Sons	Aldeo	Ill.	Spicer Fred A	Orange	N. A.
Middlemist, James L.	Limon	Colo.	Steffens Ed	Lowden	Iowa
Monstone Farm	Ipswich	Mass.	Stemhaus & Oberhaus	Takulwa	Ill.
Moon S mou C	Towanda	Ill.	Stelling Carl & Sons	Orchard	Nebr.
Moore C L & Sons	Tremont	Ill.	Studebaker R D	Ut a	Ill.
Morland M C	Imperial	Nebr.	Suppel Clarence	Solon	Iowa
Morris Bros.	Aldeo	Ill.	Summers, J N	Malvern	Iowa
Mosher N E. & Son	Hugo	Colo.	Suydam Leigh	Fairview	Ill.
Neal E E	Sandborn	Ind.	Thiehoff & Barr	Nevada	Mo.
Newbold L. F	Minden	Nebr.			
Nissen J H	Lyons	Iowa	University of Kentucky	Lexington	Ky (c 1 2, 3 7, 8 9, 1 2, 3 5)
Odell J L.	Las Animas	Colo.	Valley Gem Farms Inc.	Arlington	Wash (c 8)
Oliver John H	Lawrence	Ill.	Vaughan Fred.	Lyons	W. A.
Oren Frank C	Wilmington	Okla.	Velder Bros	Fairfax	S. Dak.
Osdal Ella van & Sons	Nash	Okla.	Volk John C	Battle Creek	Nebr.
Owens, F P	Bingen	Ark.			
Oxley H W & Son	Iowa City	Iowa			
Park A W & Son	Redwood Falls	Minn.	Wade C L	Union City	Tenn.
Patrick Roy C.	Quinton	N. J.	Wagner Ed	Underwood	N. Dak.
Patzandak, F A	Fullerton	N. Dak.	Ward C I	Cameron	Mo.
Pemberton R L.	Le Grand	Iowa	Warnock W W	Albia	Ill.
Petry M A & Son	Glen Haven	Wis.	Wendgen David G	Webster City	Iowa
Pfautz & Reop	Marble Lawn Farm	Ind.	Wempe C H	Geneseo	Kan.
Phillips H M	Battleboro	N. Car.	Wempe F B	Frankfort	Kan.
Phillips Howard H	1107 Comm Bldg	Kansas City	Wharton Geo C	Marion	Ind.
Phlips, W W & Son	Franklin	Nebr.	Whitaker Mark	Marion	Mo.
Pollard Bros.	Newabka	Nebr.	Wilboye Ernest	Marion	Mo.
Polland, Ernest M	Casa Lo Newabka	Nebr.	Williams W B & Son	Marion	Mo.
Pollack F. A.	Ulysses	Nebr.	Williams W F	Water Valley	Ky
Potter & Hommel	Webster	S. Dak.	Wimer Ross I	Lamport	La.
			Witt Black	Brown	Ill.
Rand n Don	Newton	Iowa	Wolff Jew J	Humboldt	Iowa
Rene I W	Elmer	Mo.	Wolff Isaac	Canton	I.
Ren, Geo. W E.	Greenfield	Iowa			

BERKSHIRE PIG

BERKSHIRE PIG BREEDERS (contd.)

Cam K E	301 So. Th rd Street, Yakuma	Wash	McClain & Sons Howard	Lima	Ohio (s1 11)
Cabrey Wall N	Ridgely	Tenn	McCormack, M L	Glenwood Farm Wrentham	Mass
Campbell J C	167 Grosvenor St, Athens	Ohio	McLaughlin John	Zanesville	Ohio
Carlson G F	Rowley	Mass	McSparran, W F	Furness	Pa.
Carpenter W H	North Alexandria	Tenn	Masonic Homes	Lancaster Co Elizabethtown	Pa (c 10)
Clark George F	Janesville	Wis	Matter Charles F	Halifax	Pa.
Clasen Henry C	Winneconne	Wis	Messenhelder R A	Hanover	Pa.
Clepper Roy	Little Falls	Minn	Merrick M W	Stewart R R 2	Ohio (s 13)
Coe F D	Lexington	Pa	Merwin R H	Diamond	Ohio
Cooper Alex	Renovdsville	Pa	Metropolitan Farm	Wilton	N Y
Copley Charles H	Inavale	Nebr	Miles & Son J S	Petersburg	Ill.
Core R M	Hoosierlea Stock Farm John	Ind (c 10)	Miller Emma Guffey	Slippery Rock	Pa
	400 Co Franklin		Nitchell Grant	Woodfall	Pa.
Corry C C	2478 1st Nat Bank Bldg Detroit	Mich	Nitchell J M & Sons	Fort Morgan	Colo
Courty Place	Commerce	Pa	Moon & Vannoy	Seville	Ohio
Cowan, J C	Brookville	Pa	Moore J J	Oglesby	Tex
Crum Emory C	Frederick	Maryl	Morris G J		
Curtiss Charles F	Ames	Iowa (c 3, s 6 A 1)	Nash C G	Eskridge	Kan.
			Neff George A	Doylestown	Pa
Debler E S	Narberth	Pa	Nicholas Frank A	Watson town	Pa
Deble H P	Ring Sun	Ind	Nickel J H & Sons	Arenaville	Ill
Dickerson T C	Staunton	Va	Norman Ray C	Street	Maryl
Dodge J E	Hopewell Jct	N Y			
Downie J S	Oneonta	N Y	O'Leary J C	Valley	Wash
Dresbach Mrs N C	Muskogee	Okl	Oldham C H	Martha	Tenn
			Orange County Farm	Oran	Pa
Emmadine Farm	Hopewell Junction	N Y (c 8)	Orchard Farm	Dallas	Pa
Everson Brothers	Wellington	Ohio			
Every W H	Manchester	Mich	Palmyra Quarry Farms	Palmyra	Pa
			Peck Carl J	Chilton	Wis.
Fabyan Mrs Nelle	Geneva	Ill	Pennington St College	St College	Pa (c 10, s 1 2 5 6, s 11)
Ferguson Abce L L	433 Calhoun St Wash	Pa			
Ferguson, Charles I	Paysonville	Minn	Penny Clarence A	Henderson	N Y
Fernwood Farm	Deatur	Ind	Penhurst Farm	Narberth	Pa
Finkbeiner C D	Clinton	Mich	Pinet A L	Onaga	Kan.
Fonda Henry L	Charlottesville	Va	Pipkin & Son W H	Elwood	Miss
Frey Adolph F	Ann Arbor	Mich	Pistick Henry P	Arlington	Pa
Frost & Mulieren	Brookville	Pa	Preston Edwin R	Falston	Wd
			Preston Mrs N C	Sever N le Ford	Va
Galbreath C R	Street	Maryl			
Garbutt John & Son	Hemans	Mich	Randall Brothers	Noblesville	Ind
Gentry N H	Sedalia	Mo s (c 3)	Range F S	Garland	Tex
Gilbert Clarence F	Harm-onville	Miss	Reaves John	Elmwood	W V
Gill B L	Terril	N Carol	Reves A G	Trenton	N J
Godfrey J L	Mooreville	N C	R I Solders Home	Bristol	R I
Goodman & Sons C J	Concord	Idaho	Keeck Brothers	Macleav	Oreg
Grangeville Gurnsey Farm s	Grangeville	Va (c 2)	Rifle Chas E & Sons	Lipton	Ind.
Graves James W	Box 121 Richmond	Oreg	Riley Edgar E	Truman	Ill.
Gribble E W	Aurora	Pa	Risher W F	Center Hall	Pa
			Robertson L H	Gloster	Mo s
Hall Bros	Baxter	N C	Rogers Brothers	Harrodsburg	Ky
Hall Leroy	H H boro	N Y	Rowland Floyd I	Shedd	Orr.
Harpending H B	Dundee	N J	Ruby Geo A & Son	Hampstead	Maryl.
Harris Edward F	Salen	N D	Ryzek John J	Spring Valley	Ill
Hartley Stock Farm	Page	N Y			
Heald Donald A	90 Broad St	N Y	Samuels Joseph M	Orange	Va
Hess C F	Littitz	Pa	Schantz W H	Hast ings	Mich.
Highland View Farm	Dubois	Wash	Schofield & Buckelen	Stanley	N Y
Hinshaw Kenneth	Goldendale	Pa	Sellers Adolph H	Shenandoah	Va
Hochstetler S S	Mexersade	Nebr	Shenandoah Farms	New Market	Va
Hodges Walter	Kansas City	Ohio	Shreve Lloyd	Cedar	Minn.
Hosington Brothers	Creston	Wyo	Sunnes Fred N	Prosser	Wash
Hopper Bruno	Cedarburg	W s	Smith Maurice & Sons	Mayport	Pa
Huebner Walter I	Stratford	Oh	Smooden Ivan T	Matteson	Ill
Hummel & Son I D	Kunkle	N H	Sperry W E	Bushnell	Ill
Huntley A B	Escalon	N H	Stark Joshua	Granville	Ohio
Huse I C	Laron	Mich	Stone R H	Trout ansburg	N Y
Hutton F C	Ca ther-b r	Mich	Story W D	Hartsville	Tenn
			Stover John L	Crawfordsville	Ind
Jenkins Brothers	Orleans	Ind	Stuart Dr G C	Lastover	S Carol
Jones J W	Olney	Maryl	Suchy Brothers	Larkers Prairie	Minn
Jones & Stauffer	Rader	Ill	Sycamore Farms Mrs I R	Douglasville	Pa (c 10)
Just & Mee-Farm	Jacksonville	Fl	Fritsche Berks Co		
Kapp W H	New K nst on	Pa	Tanger G F	York Springs	Pa
Kays Mark E	McNabb	Ill	Thomas J E	Lavon a	Pa
Kite F F	St Iani	Oh	Thomas J G	Walla Walla	Wash
Klick Robert W	Pal yra	Ia	Tiedeman W E	Belleville K I	Ill
Klonke Farm	Tik n	N C	Tufts Leonard	Pinehurst Farms Moore Co	N Y (c 10)
Knap A M	Cal ty lile	Mich		Pinhurst	N C
Knut H I	Cliffa	Tex			
Koehler J I	221 Tyler Ave S E Canton	Ohio			
Koepke Wil am	Hillman	W	Urbarger C B	Wytheville	Va
Kost I M	Carlisle	Pa	Urbary of Ill no s	Libana	Ill (c 1 2 3, s 4 5 6 7, s 8 9 10, s 11 12 13, s 14 15 16, s 17 18 19, s 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100)
Kreger John K	Lehigh	Pa			
Krohn & John A	Perk	Pa			
Krusen son	Kal wa H tel M neapolis	Mich (c 8)			
Lawren & W W	Mexersade	N C	University of Kentucky	Lexington	Ken (c 1 2, s 3 4 5 6, s 7 8 9, s 10 11 12, s 13 14 15, s 16 17 18, s 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100)
Leeg Aaron	Leest R v s	N D			
Leiland Hanna J	Timon on	Maryl			
Levity A H	Macraia	Oreg	University of Purdue	Lafayette	Ind (c 1, s 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100)
Littler A H	Rowe	Ill			
Loverly Wyman N	Rowe	Ill			
Lott & Fred M	Laris	Mich			

BERKSHIRE PIG BREEDERS (contd.)

Van Riper G B	Seneca Falls	N Y	Wicks S D	R 2 Syracuse	N Y (2)
Wais, Richard E	Lebanon	N J	Wiley, Leo J	Victor	N Y
West H P	Rapon	W Va	Wilkinson C L	Rushland	Pa
Whitmore A D	Lions	W Va	Williams A B C	York Springs	Pa
Wiant David	Huntington Mills	Pa	Wmslow J I Co Agt	Brookville	Pa
			Wynn, J D	Lawrence	Kan

KENTUCKY RED PIG

KENTUCKY RED BERKSHIRE ASSOCIATION (6)

County Court, Richmond, Kentucky

PROMINENT BREEDERS

Adams Alden H	Madison	Maine	Daughtry Bros	Waverly	Ala
Adams Lewis	Fowler	Ind	Davis K Asher	Livingston	Ky
Adams Lewis	Goodland	Ind	Davis L H	Livingston	Ky
Allen C T	Richmond	Ky	Dennis D J	Dawson	Ga
Allen Mrs Cecil S	Richmond	Ky	Denny W B	Richmond	Ky
Amburgey Noah	Omaha	Ky	DeVary Tom	Shelbyville	Ky
Anderson H G	Stanford	Ky	Dicker Harry	Somerset	Ky
Anderson L E	Pikeville	Tenn	Dickory R W	Leroy	Kan
Aycock Doc	Surrency	Ga	Dockery Will	Dockery	Miss
			Dowdatt I J	Westville	Ill
Bark Rich	Cody	Ky	Downie J M	Waldo	Ga
Baker Jno	East Leavenworth	Mo	Dunn Luther	Orank	Ala
Beecher L H	Baxley	Ga	Dyae A M	Graham	Ga
Bennett Frank	Folkton	N C		Shelbyville	Ky
Bird Harry N	Townsend	Tenn	Fades Woods n	New Brunswick	N J
Boner W H	Antioch	Tenn	Fablos D S	Deatur	Ala
Bottom R L	Goshen	Ky	Edwards Robt	Hill House	Miss
Motts J J	Boston	Ky	Ellis Henry	Salisaw	Okla
Bowling Fva	Berea	Ky	Ellis N B	Salisaw	Okla
Bowman Willard	Watertown	Tenn	Elmore J W	Lancaster	Ky
Boyd Ben	White Hall	Ky	Ermin W B	Frankenswing	Tenn
Brandenburg Algin	Shelbyville	Ky	Erwin W B	Frankburg	Tenn
Brest C A	Asheboro	N Car	Estes S M	Chapel Hill	Tex
Brittain John T	Berkley	Ga	Estridge F E	Saint Luck	Ky
Broach W A	Lulloek	Tex	Evans Geo C	Saundersville	Ga
Brogdon L R	Stanford	Ky	Evans J Morgan	Richmond	Ill
Bronaugh Fred Jr	Baxley	Ky		Fldorado	Ill
Brooks R J	Danville	Ky	Farmer Lefe	Short Creek	Ky
Brown Frank	Lar aster	Ky	Fentress Loan	Larrot	Ga
Brown Frank	Lar aster	N	Fletcher C C	Clarksville	Ohio
Brown J H	Lant l k	Ky	Foley Clarence	West Union	O
Brown Milton	Richmond	Ky	Foster N F	Stoutsville	Ky
Bruce R T	Moreoco	Ind	Frank N Mrs Ball	Somerset	Ky
Brunton Luther	Irondequoit	N Y	Frisbie Glas		
Buell Fly	Wago	Ky	Galey & Durner	Kirkville	Ky
Burchett L E	Lenoir City	Tenn	Gamble D L	Larrot	Ga
Burdett J A	Water Valley	Ts	Garrett Bobbie	Elba	Ala
Burnside J C	Lancaster	Ky	Gerhart F N	Columbus	Miss
Burnside J G	Shelbyville	Tenn	Gibbs A R	Kinston	Ky
Butler S G			Gibbs S L	Lancaster	Ky
			Goltz Edwin A	Mayana	N Dak
Caldwell J H	Smithfield	Ky	Gosch W G	Stanford	Ky
Caldwell Logan	Danville	Ky	Green B b	Fountainence	Ky
Campbell Wm	Richmond R F D 3	Ky	Griffith A	Berea	Ky
Carn E C	Chapel Hill	Tex			
Carpenter J B	Shelbyville	Ky	Haden Bros	Donville	Ky
Carpenter Orville O	New Castle	Ind	Hammond Joe	Lancaster	Ky
Cater J N	Stanford	Ky	Hancock C H	Derrun	Ca
Cartwright, L A	Terrill	Tex	Hansen Emmett	Lancaster	Ky
Cartwright Leonidas	Terrill	Tex	Harford A C	Yreana	Ill
Cava N Flora	Shelbyville	Ky	Harmon W C	Burnt Corn	Ala
Cates C J	Atlanta	Ga	Harper Frank	Grandad	Ga
Cates F M	Waynesboro	Ca	Harris N T	Stanford	Ky
Cates F M Jr	Waynesboro	Ca	Harrison J J Jr	Loudon	Tenn
Cawood Hiram	Cawood	Ky	Hayden J W	Louisville	Ky
Chapman T J	Lewburg	Tenn	Haywood C I	Waverly	Ala
Chenault A M	Kirkwood	Ky	Heffington C J	Chambersco	Ind
Chanault T D Jr	Kirkwood	Ky	Hendricks D F	Parkers	N Car

BERKSHIRE PIG BREEDERS (contd)

John E	3rd St Third Street, Yakima	Wash	McClain & Sons Howard	Luna	Ohio (\$1 10)
Calhoun Will N	Ridgely	Tenn	McCormack M L	Greenwood Farm Wrentham	Mass
Campbell J C	187 Grosvenor St Athens	Ohio	McLoughlin John	Zanesville	Ohio
Carlson G F	Rowley	Mass	McParrran W F	Furness	Pa
Carpenter W H	North Alexandria	Tenn	Masonio Homes	Lancaster Co Elizabethtown	Pa (\$ 10)
Clark George F	Janesville	Wis	Matter Charles F	Halifax	Pa
Claasen Henry C	Waukegan	W s	Me vshelder R N	Hanover	Pa
Clepper Roy	Little Falls	Minn	Merrick M H	Stewart R R 2	Ohio (\$ 13)
Coe F D	Lexington	Va	Merrin R H	D amond	Ohio
Cooper Alex	Reynoldsville	Pa	Metropolitan Farm	Wilton	N Y
Copley Charles H	Inavale	Nebr	Miles & Son J S	Petersburg	Ill
Cote R M	Hoos eries Stock Farm John son Co Franklin	Ind (\$ 10)	Muller Emma Guffey	St perry Rock	Pa
Corey C C	2128 1st Nat Bank Bldg Detroit	Mich	Mitchell G	Windfall	Ind
Country Place	Commerce	Ga	Mitchell J M & Sons	Hockessin	Del
Cowan J C	Brookville	Pa	Moon & Vannoy	Fort Morgan	Colo
Crum Emory C	Frederick	Maryl	Moore J J	Seville	Oh o
Curt ss Charles F	Ames	Iowa (\$ 3 s 6 k 1)	Morris G J	Oglesby	Tex
Deubler E S	Narberth	Pa	Nash C G	Eskridge	Kan
Dibble H P	Rising Sun	Ind	Neff George A	Doylestown	Pa
Dickerson T C	Staunton	Va	Nicholas Frank A	Watson to vn	Pa
Dodge J E	Hope veil Jct	N Y	Nickel J H & Sons	Arenzville	Ill
Downe J S	Omaha	N Y	Norman Ray C	Street	Maryl
Dresbach Mrs N C	Muskogee	Oklia	Odell J C	Valleyford	Wash
Emmadine Farm	Howepell Juncn on	N Y (\$ 8)	Oldham C H	Martha	Tenn
Everson Brothers	Wellington	Ohio	Orange County Farm	Orange	Val
Every W H	Manchester	Mich	Orchard Farm	Dallas	Pa
Fabyan Mrs Nelle	Geneva	Ill	Palmyra Quarry Farms	Palmyra	Pa
Ferguson Alice L	233 Cal forma St Wash	D C	Peik Carl J	Chilton	Wis
Ferguson Charles E	Paynesville	Minn	Pennsylvania St College	St Co lege	Pa (\$ 10, s 1 2 5 6, 7 11)
Ferguson Farm	Detroit	Ind	Penny Clarence A	Narderson	N Y
Flakebert C D	Clinton	Mich	Pennhurst Farm	Narberth	I a
Fonda Henry L	Charlottes ille	Va	Pinet A L	Onaga	Kan.
Frey Adolph F	Ann Arbor	M ch	Pipk n & Son W H	Elwood	Ill ss
Frost & Milleren	Brookly le	Pa	Pistnick Henry F	Arlington	Ill
Galbreath C R	Street	Maryl	Preston Edna n R	Fald	Pa
Garbutt John & Son	Hemans	Mich	Preston Mrs N C	Sever Ahle Ford	Va
Gentry N H	Sedal a	Mich (\$ 3)	Randall Brothers	Noblesville	Ind
Gilbert Clarence F	Harris sonville	N ss	Ranger S F	Garland	Tex
Gill B L	Tyrell	Ill	Reaveley John	Shawwood	N H
Goddrey J L	Mcarsville	N Carol	Reeves A G	Trenton	N J
Goodman & Sons C J	Concord	N C	R I Sold ers Home	Bristol	R I
Grangeville Guernsey Farms	Crangeville	Idaho	Rieck Brothers	Macleva	Oreg
Graves James W	Box 183 R chmond	Va (2)	Rie Chas E & Sons	Tipton	Ind
Gribble F W	Aurora	Oreg	Riley Edgar & Sons	Lerna	Ill
Hall Bros	Baxter	Pa	Rishel W F	Center Hall	Pa
Hall Leroy	H li boro	N C	Robertson L H	Gloster	Miss
Harpending H B	Dundee	N Y	Rogers Brothers	Harrodsburg	Ky
Harris Edward F	Salem	N J	Rowland F oyd E	Shedd	Ore
Hartley Stock Farm	Lee	N D	Ruby Geo A & Son	Hamstead	Maryl
Heald Donald A	20 Broad St	N Y	Ryzek Joan J	Spr ng Valley	Ill
Hees C F	L ttt	Pa	Samuels Joseph M	Orange	Va
Highland View Farm	Dubo s	Pa	Schantz W H	Hast ng	W cts
Hjoshak Kenneth	Goldensale	Wash	Scho old & Buckles	Stanley	Pa
Hochstetler S S	Meyersdale	Pa	Se ftert Adolph H	The nav lie	Pa
Hodges Walter	Nebraska C ty	Nebr	Shenandoah Farms	New Market	Va
Hos ngtion Brothers	Creston	Ohio	Shreve Lloyd	Cedar	Minn
Hoppe Bruno	Cedarburg	Wis	Sumnes Fred N	Prosser	Wash
Hornberger Walter T	Stratford	Wis	Smith Maurice & Sons	May port	Ill
Hummel & Son T D	Lowell	Oh o	Snowden Ivan T	Mattoon	Ill
Hun phre W A	I scal n	Cal f	Sp cer W E	Bushnell	Ill o
Huse L C	Lacota n	N H	Stark Joshua	Gravaville	Ill o
Hutton F C	Caill er-bur	N t	Stone R H	Trumansburg	N Y
Jenkins Brothers	Orleans	Mass	Story W D	Hartsville	Tenn
Jones J W	Blair	Ill	Stover John L	Crawfordsville	Ind
Jones & Stauffer	Jackson ville	Fl o	Stuart Dr G C	Fastover	S Carol
Just A Mera Farr			Suchy Brothers	Parkers Prairie	M n
			Sycan ore Farms Mrs E R	Douglas ille	Ia (\$ 10)
			Fritzsche Berks Co		
Kapp W H	New hngst vn	Ia	Thager C F	York Springs	Ia
Kays Mark F	McNabli	Oh o	Thomson J C	Lavon a	Pa
Kite F J	St lars	Pa	Thomas J C	Wadla Walla	Wash
Kli k Robert W	ial al tra	N C	T len Ann W T	B hlevie R I	Ill
Klonke Farm	Ilkon	N C	Tufts L onard	l nehurst f arms	N Y (\$ 10)
Knappp A M	Catonville	N t	T fts R charl S	l nehurst	N C
Knost H I	Clifton	Tex	U : barnet C B	Wytheville	Pa
Koehler J I	U l Tyler Ave p L Canton	Oh o	Un vers ty of Ill no s	Urbana	Ill (\$ 1 2 3 7, 8 9 10 11 12 13 14 15 16 17, 18 19 20 21 22 23 24 25 26 27

BERKSHIRE FIG BREEDERS (cont'd)

Van Riper, G. B.	Seneca Falls	N. Y.	Wicks, N. D.	N. D.	N. Y. (2)
Wain, Richard E.	Lebanon	N. Y.	Wider, J. C.	N. Y.	
West, H. P.	Ripon	W. Va.	Wilkinson, L.	Kentucky	
Whitmore, A. D.	Livens	W. Va.	Williamson, A. B. C.	N. Y.	
Wiant, David	Huntington Mills	Pa.	Windsor, J. P. Co. Act	Brooklyn	
			Wynn, J. D.	Lawrence	

KENTUCKY RED FIG

KENTUCKY RED BERKSHIRE ASSOCIATION (6)

County Court, Richmond, Kentucky

PROMINENT BREEDERS

Adams Alden H	Mad son	Maine	Daubert, Brew	Waynes	Ala
Adams Lewis	Fowler	In d	Davis & Ascher	Livingston	Ala
Adams Lewis	Goodland	In d	Davis E H	Livingston	Ky
Allen, C. T	Richmond	Ky	Dennis, D. J	Dawson	Ca
Allen Mrs Cecil S	Richmond	Ky	Denny W. B	Keokuk	Ky
Ambergue Noah	Omaha	Ky	Deberry T. V	Shelbville	Ky
Anderson H C	Stand rd	Ky	Dicker Harry	Suspect	Ky
Anderson L E	ikeville	Tenn	Dikory I W	Levy	Kan
Aycoc Doc	Sutcrey	Ca	Dokery W L	Dokery	Miss
			Dowatt I J	West ill	Ill
Back Rich	Cody	Ky	Dwore J M	Walsh	Ca
Baker Juo	Last Leavenworth	Mo	Dun in Jutter	Clark	Ala
Beecher L H	Hayley	Ca	Dwac A M	Craba n	Ca
Bennett Frank	Polkton	N C	Eales W wale n	Shelbville	Ky
Burd Harry A	Townsend	Tenn	East n Mrs M	New first w h	N J
Boner W H	Ant och	Id h	E h l d S	Dewar n	Ala
Bottorff R L	G wben	Ky	E hards I bt	Hill H ave	Miss
Botts J J	Bost n	Ky	E B Henry	Sall saw	Okla
Bowling Iva	Berea	Ky	E lls N H	Sall saw	Ala
Bowman Willard	Berea	Ky	E lly re J W	Van aster	Ky
Boyd Ben	Watertown	Tenn	E lmun W B	Frankenwing	Tenn
Brandenburg Algin	White Hall	Ky	E lwin W B	Franklin	Ind
Brest C A	Shelbville	Ky	E ltes S M	Chapel Hill	Tex
Brittain John T	Ashebo rd	N Car	E lterke J I	Ea t t t t	Ky
Broadh W A	Berkaley	Ca	E lva n C C	San fernville	Ca
Broedon L R	Full w k	T x	E lva n J M w x	R h n t l	Ky
Bronaugh Fred Jr	Stand rd	Ky			
Brooks, R J	Hayley	Ca	E lmer Eale	H l l r a t y	Ill
Brown Frank	Danville	Ky	E lertress I wan	Sh r t Creek	Ill
Brown Frank	Ea aster	Ky	E l l her C C	Ea r n t t	Ca
Brown J H	J a e r r	Ky	E lly E Lora n	C arkville	Or t
Brown Milton	Ea n t l k	Ky	E l t S T	West Uolun	O
Brucer, R T	Ri h on d	Ky	E lra e Mrs Wall	Sto t w l l	Ky
Brunton Luther	Moxeo	Ind	E lrtor t t y	S r r e t	Ky
Buell Ily	Brndepoist	N Y			
Burchett L E	Wago	Ky	E lley & D r e	Kirkville	Ky
Burdett J A	Ter air City	Tenn	E a l l D J	Ea r n t t	Ca
Burns Je J C	Water Valley	T x	Ea rrett B bl	E lra	Ala
Burnside J G	Lancaster	Ky	Ea rhart I N	C l n t t y	Miss
Butler S G	Shelbville	Tenn	E a bbe S F	K n g s t n	Ky
			E l t r E d w A	Ea n aster	Ky
Caldwell J H	C t h f l d	Ky	E ooch W C	Hasana	N Dak
Caldwell Logan	Danville	Ky	E r n H l	Stand l	Ky
Campbell Wm	Ri h on d R l D y	Ky	E t t l t t r a t	E n n u m e r e	Ky
Carn e H C	Chapel Hill	Tex		Betra	Ky
Carpenter J B	Shelbville	Ky	Haden Brow	Denville	Ky
Carpenter Orville O	New Castle	Ind	H a n r o n J oe	Lanc aster	Ky
Cater J H	Stand rd	Ky	Han ock C H	D e r u n	Ca
Carterwright L A	Terrill	Tex	Hannel J u r e t t	Livingston	Ky
Carterwright Leonidas	Terrill	Tex	Hart e l A C	Vern na	Ill
Cassa h I r a	Shelbville	Ky	Hart n W J	Harst Corn	Ala
Cates J C	Atlanta	Ca	Harper Frank	Cravall	Ca
Cates I M	Waynesboro	Ca	Hart S T	Stand l	Ky
Cates I M Jr	Waynesboro	Ca	Hart n J J Jr	Lea n d	Tenn

KENTUCKY RED PIG BREEDERS (cont'd)

[illegible]

TAMWORTH PIG
TAMWORTH SWINE ASSOCIATION (7)
 Ames, Iowa

PROMINENT BREEDERS

A & M College	College Station	Tex (#2 10,	Holmes John H	Hudson	Iowa
Adams W S	Litchfield	7)	Holtz Ben T	R R No 2 Maquoketa	Iowa
Addison W D	Nanning	Minn	Holtz Chas S & Son	Clarinda	Iowa
Agricultural College, North Dakota	Fargo	Iowa	Hornung J F	R R No 4 Hubbard	Iowa
		Iowa (#1 2 3 6 #1 2)	Hunter M D	Ames	Iowa
Agricultural Exp Stat Ohio	Wooster	Ohio (#13)	Inge C M & Son	Russville	Ind
Agriculture Iowa State College of	Ames	Iowa (#10 1 2 6 12 1 2)	Ingold John	Menroe	Wis (#11)
Alerton Farms	Monticello	Ia	Jacobs C B	Osage	Iowa
Arkansas Experiment Station	Fayetteville	Ark	Jamieson Jay H	Bradyville	Iowa
Arnold J E	Ames	Iowa	Jenkins H C	Kahoka	Miss
Augustine A E	Rose Hill	Iowa	Johnke Wm F	Centerville	S Dak
		Iowa	Johnson Arthur G	McLeansboro	Ill
		Iowa	Jones Edwin	Box 63 Spain	S Dak
		Iowa	Jones Robt	Bluemont	Va
Baker Guy W	R R No 4 Shelbyville	Ill			
Baldwin C E	Wentworth	S Dak	Kellogg Dr H E	Madison	S Dak
Bart W T	Ames	Iowa	Kemmerling Frank L	Ackley	Iowa
Benbow Alfred L	Clear Lake	Iowa	Kinch Isabel	Crested City	Nich
Berry A J	Las Animas	Col	Kolb R A	New Grove Farm Medford	Wis
Bewley Roy D	Castown	Obio	Kuhlman E F	Hubbard	Iowa
Behn Joo P	Gregory S Dak	S Dak			
Blair Bros	Illipol	Ill	Lachmiller Harlow	Webster City	Iowa
Blandow Francis	Seymour	Ill	La Croix & Thornber	Nata	Ill
Bloomquist A R	Gowar	Iowa	Lenz Adolph	West 5	Iowa
Boness Elmer	Oruska	N Dak	Leas Albert	Royal Center	Iowa
Bongert Arthur W	203 S Central Ave Burlington	Iowa	Leas Fred	Thedford	Nebr
Bottrell H B	Blue Mound	Ill	Loch C R	Cladbrook	Iowa
Bradford Orville	Colfax	Ill	Lorenz Raymond	Reinbeck	Iowa
Brown Glenn	R R No 3 Estherville	Iowa	Lundt Cato		
Brown W E	R R No 5 Ithaca	Nch			
Bruns West C	Onka	N Dak	McClaghterty C P	Pentur	Va
		Iowa	Mackey J B	R R No 1 Farragut	Iowa
Calkins Byron	Webster City	Iowa	Magnussen S T	Marshall	Minn
Carter Chas W	Seymour	Ill	Magnussen Fred	Battle Creek	Iowa
Carpenter J W & Son	Chariton	Iowa	Mann C A	Sutton	Nebr
Carstensen N E	Cedar Bluffs	Nebr	Matthies Fred	Seymour	Tex
Champlin A L	Ames	Iowa (#1 2 3 6 12 1 2)	Mertman C L	Lebanon	Ind
Chase Bros	Willow Lakes	S Dak (#1 2 3 6 12 1 2)	Morgan & Justice	Iowa City	Iowa
		Iowa (#1 2 3 6 12 1 2)	Morris & Cooke	Aledo	Ill
Church & Pulliam	Joy	Ill	Morris Geo L	Aledo	Ill
Clark Edward C	224 Thrd Ave	Iowa (#2)	Murphy Dr H S	Ames	Iowa
Clark Herbert L	Floyd	Iowa	Neville & Johnson	Aurel a	Iowa
Clarke M L	Claron	Iowa			
Cline Lee	Illipolis	Ill	Newell Arden	Woodward	Iowa
Colehaugh J T	Troy	Obio	Newlin J J	Crisis	Iowa
Cox C L	Iowa City	Iowa	Ogden Hurley F	What Cheer	Iowa
Crane C E	Winterset	Iowa	Orendorff Edw & Son	Weston	Ill
Crews W Z	Pittsboro	N Car	Osborne D C	Hampton Clinic Hampton	Iowa (#11)
Crosby Mel in	Webster City	Iowa	Osborn Walter	Bedford	Iowa
Crum Jas L	R R No 3 Dallas City	Iowa	Osborn Volney	Blument	Va
Crown Louise	Valley City	N Dak	Osholt D M	R R No 9 Iowa City	Iowa
		Iowa	Paddock Richard K	Charlevoix	Mich
Davis S C & Sons	Mendota	Ill	Perkin Orville	Cambria	Iowa
De Hart Chas L & Sons	Arthur	Ill	Postern Edwin S	Iowa City	Iowa
Dellinger John	Rockwell City	Iowa	Probst Bros	Iowa City	Iowa
Devlin Leo G	Way	Cal	Probst J H	R R No 9 Iowa City	Iowa
Dickinson R	Bedford	Iowa	Pugh J Mortimer	Austin	Minn
Dowell J M	Seymour	Ill	Randall H G	Raub	N Dak
Dowell John B	Bedford	Iowa	Reed Jos	Seymour	Ill
Du Toit Floyd	Toledo	Iowa	Reed Wm & Son	R R No 11	Iowa
		Iowa	Rhodes Earl	Winterset	Iowa
Eckerman Harold	R R No 1 Davenport	Iowa	R H J F	Kennelsburg	Ind
Elagert John	Sharon Springs	N Y	Riley Victor R	R R No 2 Box 12 Ames	Iowa
Elmel Arthur	Silverdale	Wash	Rothman Earl	Derby	Iowa
Emery H D	Douglas	Wisc	Rothman Frank	Seymour	Ill
Flett John	Oruska	N Dak	Rothman A L	Le Grand	Iowa
Fleetett J	Stratton	Iowa	Rupp Chas	Walters	Minn
Fleetett Virg C	R R No 2 Britt	Iowa			
		Iowa	Saur H A	R R No 4 Lethbridge	Iowa
Fee Jas H	Cherokee	Iowa	Schert T C	Bethany	Ill
Feltm G L	Lamont	Ind	Sears Virgil	Lapel	Ind (#3)
Fillman Fred J	Deater	Iowa	Severe L W	Iowa	Iowa
Findley C D	Du La Center	Iowa	Shaw Russell C	Stearns	Iowa
Fleming Farm	St Paul Holmes St Du La	Iowa (#1 2 3 6 12 1 2)	Schulze J D & Sons	Lethbridge	N Y (#11)
Ford J J	Hla K Smith	Wisc	Schurtz Tm	Manure	Ill
Fulmer M D	Manure	Minn	Simpson H H	James	Ill
		Iowa	Smith J Owen	Oxental	Iowa
Garrett C A	La Harpe	Ill	Snyder & Snyder	Box 44 Oklawaha	Iowa
Garrett Albert	Laramie	Wisc	Stacy A L	Hartley	Iowa
Gardner W Wayne	Lone Mound	Ind	Stacy C L	Santa Rosa	Calif
		Iowa	Stewart Jas J	Farmington	Ind
		Iowa			
Hadley W H	Moscow	Ind	Terry J D & Terry	Box 100	Iowa
Hakow W W	Trenton	Tex	Thomas J U & Co	R R No 2 Iowa City	Iowa
Harris James B	Seymour	Ill	Thomas W A & Son	Iowa City	Iowa
Hawthorne Farms Co	Bedford	Ill	Thorn D D	New Land	Iowa
Heart Ne I C	Habetsford	Calif	Thorn D D	Iowa	Iowa
Hewitt C H	Austin	Calif	Thorn D D	Iowa	Iowa
Hill J Oswald C	Crescent	Iowa	Thorn D D	Iowa	Iowa
Hill M L	Law	N Dak	Thorn D D	Iowa	Iowa
Hill J D & J V	Law	Tex	Thorn D D	Iowa	Iowa
Hickshole Lawrence	Law	Tex	Thorn D D	Iowa	Iowa

TECHNICAL NOTE LETTERS TO THE EDITOR

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BELGIAN HORSE

AMERICAN ASSOCIATION OF BREEDERS OF BELGIAN DRAUGHT HORSES (2)

Wabash, Indiana

PROMINENT BREEDERS

Adams & Sons, Joseph	Ash Grove	Ill	Walley Mrs. J. M.	Valdosta Georgia Farm Coburn	Mon
Agricultural College Iowa	Ames	1 Iowa (c 10)	Warner C. W.	90th & K Sts. Sacramento	Calif
State		2 " 6 12	Wendler H. D.	R 1 Home	Ohio
		3 " 4 11	Wenger Dr. J. H. & Son	Lamont	Iowa
Agricultural College Kansas	Manhattan	4 Kan (c 10)	1 Iowa (c 1)	111 Natl Bank Bldg. Syracuse	New York
State		5 " 1 2 5 6	Wentz Marie	1221 1st Nat. So. Bldg. Minn	Minn
Agricultural College, Michigan	East Lane	6 Mich (c 2 6)		Wright L. S.	
		7 " 1	Brown J. Alf	1 4 Palmer	Nebr
Agricultural College North	Fargo	8 N. Dak (c 1)	Brown John A.	1234 Hubbard Ave. Detroit	Mich (c 2)
Dak 12		9 " 1 6 6 17	Brown R. Bert	1 Lawrence	Colo
Agricultural College Oregon	Corvallis	10 Ore (c 10)	Brunkull W. S.	Box 125 Pontiac	Ill
		11 " 8 12 15	Bruntun J. D.	Aspen	Colo
Alkin T. S.	604 Walnut Avenue Syracuse	12 N. Y.	Burnett J. A. & T.	10th Street	Ohio
Ashton T. B. Ashgrove	Saratoga Springs	13 N. Y. (c 10)	Burroughs H. F.	1 First	Mich
Farm Syracuse Co.			Butler W. I.	R 5 Alexandria	Ind
Bain F.	Idaho Falls	Idaho	Calhoun Lloyd	R 4 New London	Ohio
Ballard Mrs. L. E.	Idaho Falls	Iowa	Carlson J. August	Oden	Ohio
Barres C. L.	214 Farmers Bank Bldg	Iowa	Carrico M. R.	R 1 Kane	Ill
	Pittsburgh	Iowa	Carter A. B.	Karlville	Ind
Bechtel Benjamin	R 1 Box 4 Eureka	Ill	Cattell Co. J. M.	Jay 1 m	Wyo
Bell Brothers	Waco	Ohio (c 4)	Clayport Charles	Worthington	Iowa
Beveridge L. E.	Arath	Calif	Clements Elmer E.	Savastota	Fla
Boettcher Theo & Sons	R 1 Elyria	Min	Clements Lorenzo	Verona	Ind
B. J. & Co. Inc.	Green Creek	Ill	Conrad Frederick G. Jr	111 1st	Mass
Bonmeister J. J.	Corwith	Iowa	Crapo St.	111 For 1 Bldg. Detroit	Mich

SHIRE HORSE BREEDERS (contd)

Finch Brothers	Fargo	N Dak	Rents hier Louie	Chestnut	Ill
Fogleman Bros	Callender	Iowa	Rising A F	Chapaigne	Ill
Fowler D M	Fathan	Ill	Rittenhouse John R	Mabomet	Ill
			Ross Alex	Weyngton	S Dak
Green Arthur	McCool Junction	Nebr	Rouselle Jos & Son	Sevard	Nebr
			Rowe Albert	Letts	Iowa
			Ruby A C & Co	Cresham	Ore
Hall J C & Son	Sheridan	Ill	Schafnacker Herbert J	Vt Pulaski	Ill
Hall Wm Eld	La Moule	Ill	Schafflenacker Geo	Chestnut	Ill
Hamm Chas	Judlow	Ill	Seiberling J F & Sons	Mitchellville	Ia
Harvey H H	Clay Center	Nebr	Senier W H	Creeley	Colo
Hdvr Urban W & Sons	Jeffersonville	Ohio	Sikola Tom	Slater	Iowa
Hidbreth J L & Son	Eihart	Iowa	Small F O	Dwight	Ill
Holbert T R	Creeley	Iowa	Smiley M H	Dallas Center	Iowa
Holmes H F	Bowden	Mon	Smiley M J	Belle Fourcher	S Dak (\$12)
Houghton Mrs. C A	Croager	W Va	Smith Brothers	Altouna	Iowa
Howard J I	Ankeny	Iowa	Smith G W	Atoona	Iowa
Huddleston T A	Webster City	Iowa	Snyder Perley	Taylor lve	Ill
Hully W S	Elcott	Iowa	Soderberg A G	Oscio	Ill
Huston Frank T	Waukeee	Iowa	Spill George J	Chestnut	Ill
			Stoll Jacob	Chestnut	Ill
Jackson Francis	Champaign	Ill	Stubbleld --	Walla Walla	Wash
Jones J L	Island	S Dak	Studner Ben G	Wesley	Iowa
Jordan Francis	Savoy	Ill	Summers C H & V A	Walvern	Iowa
			Sunners Grant & Sons	Walvern	Iowa
Kerker Clem	Wilbur	Wash	Sunners J N	Walvern	Iowa
			Swisher John A	Mendota	Ill
Larch Edward O	Tab	Ind	Tallman Ady F	Lamarck	Ill
Laur W H	Tindown	Wash	Thompson J H	Ellott	Iowa
Ler Marshall	Sycamore	Ill	Thomp on R H	Hone	Penn
Lynch Wm G	Iouca	Ill	Truman s Pioneer Stud Farm	Bushnell	Ill (\$12.3)
McCrar Geo M	Dan illo	Ill	Univers ty of California	Davis	Calif (\$12.6)
McKargan Alex	Magnolia	Ill	University of Idaho	Moscow	Idaho (\$12.7)
McWhorter J E	Plymouth	Ill			
Maher Thos F	Plimwood	Ill	University of Neada	Reino	Nevada (\$12.8)
Malloy T J	Rushville	Ia			
Mattern W C & Sons	Wesley	Iowa			
Maern Henry W	Lastant	Ill			
Maer Wm	Untownton	Wash	Wagner H E	St John	Wash
Merritt H W	Rosalva	Wa h	Walker W Evre	Sweet Briar	Ia
Merr H W W	Rosalva	Wash	Walze C I	Spalding	Iowa
Mitchell E C	Waterford	Penn	Walze E R	Fluer	Idaho
Morre J C	Rushville	Ill	Warner Bert e S	Mahomet	Ill
Morris B M	Newark	M s	Wendel Ceo & Sons	La Moule	Ill
			Wheatley Henry	Napa	Calif
Nelson Swan T	Bushnell	Ill	Williams C C	Bushnell	Ill
			William G C	Dewey	Ill
Pace I C	Joseph	O e	William R W E	Bushnell	Ill
Phillips H D	West Liberty	Ind	Woodland Geo Gardner	Gardner	Ill
			Wright Alfred	Terry	Mon

MORGAN HORSE

THE MORGAN HORSE CLUB (5)

120 Broadway New York City

PROMINENT BREEDERS

Abbott Constance L.	M Merrin & S Haverhill	Ma s	Eno William P	1 1 st St Washington	D C
Atkins A W	Merchantville	N J	Walt A W	60 Wall St New York City	N Y
Banan Wm Tharts	Corn h	N H	Cartis Joseph ne	41 Beekman Place New York City	N Y
Bent n Charles A	34 Grand Central Terminal New York City	N Y	Tarnhan C B	Norwich	Vt
Bowd h Walter Romane	Cass Lake	Minn	Farrell J D	19 Ore on Wash Stat Seattle	Wa sh
Bowers Mrs Martha D	1143a J n pero Santa Barbara	Calif	Forld Mrs Wm H	Vien Jon Rutland County	Vt
Buena John Mc I	100 Chester	N Y (J)	Forlor Walter H	West Ha straw	N Y
Con n Frank I	100 West	Mass	Forlor Mary A	39 Ingersoll Grove Springfield	Mass
Brown H H Jr	1414 14th	Mass	Free a Kola d G Jr	135 Laste rd New York City	Vt
Brown H Jr	1414 14th	Mass	Free H L	135 Laste rd New York City	Vt
Brunk J C	1 RD 9 Springfield	Ill	Lulz J W	1410 Brook Farm Catsaugua	1 Penn
Bur t C A	150 West 44th St New York City	N Y	Hard n rgh W P	41 West 34th St New York City	N Y
Bur t C A Jr	150 West 44th St New York City	N Y	Harrman W A	39 Broadway New York City	N Y
Burgett R M	1 Tree nt Str et Boston	Ma s	Harrman G W	41 St Paul St Brookline	Ma s
Burt Clarence F	11 Ut on Street New Bedford	Ma s	H H Roland C	1 Gene J ern Co	Calif
Ch I Starling W	Norfolk	C	H l e Mrs I L	1 Lee Avenue Trenton	N J
Ch rch C L Jr	100 Box 13 Troy	N Y	H nt H H	49 Federal St Boston	Mass
Ch b C A	1 Elm St Worcester	Ma s	Huyler Frank	1 East 45th St Mo New York City	N Y
Coker A C	76 North St Boston	Ma	H de F B	1 City	Vt
C n n ba Charles	Larabee st nt	Vt	Ja kson Cha les	10 Congress St Boston	Mass
DAN MISS M J	PO Box 12 Wallon	N Y	Ja nson R ger	14 J Ma n s rd Springfield	Mass
Darl e J A	East Burke	N Y	J n J	N Dart o H	Ma s
Dwan Robert W	East Mon n Vale Han h R chelle	R x	K nt I bert I	1 r s St Troyden e	R I
Lukson Mrs B H	Weston	Mass	Leba St n I	1 r s St Newpport	Del
Dwight T C	Winterset	Iowa			
Dyke C H	221 14th A er e New York City	N Y			

MORGAN HOTEL REFEEDERS (c-11)

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BLOOD HORSE

THE HOCKEY CLUB (6)

240, Park Avenue New York City

PROMINENT BREEDERS

Allen L. J.	Fallon	Nev	Faulkner P. H.	Clark (Greenville)	Va
Allen L. M.	Winchester	Va	Field Marshall	H. M. and M. L. J.	N. Y.
Anderson W. M. & Son	Colby	Nev	Fisher H. C.	912 1/2 11th Ave., New York City	N. Y.
Armstrong F. Wallis	Moorstown	N. J.	Knauther 1 Arms Inc	Wilmington	Del
Audley 1 Arm	Berryville	Va	Levi Henry W. Jr	Midlothart	Va
			Luller L.	Smyler	Tex
Barnes M. J.	Birkwood Bldg Kansas City	Mo	Callahan Brothers	Rt D 3 Lexington	Ky
Bedwell H. C. (Narrow Brace Stud)	Laurel	Maryl	Carney W. W.	Rt No 1 Hopkinsville	Ky
Bela S. Syd	Collington	Maryl	Carr William	Charlottesville	Va
Belmont Raymond	Lexington Farm Middleburg	Va	Corry Robert L.	Delhi	New York
Berryman C. H.	Lexington	Ky	Cyprian K. N.	Chartersville	Ky
Black Howard	Frankfort	Ky	Clon Helen Stud	Rt 7 Lexington	Ky
Blackwell J. A.	Cooper	Tex	Cooder W. C.	Lexington	Ky
Bowman John McEntee	Port Chester	N. Y. (N. J.)	Crayton Cary T.	Washington	D. C.
Brown H. D. (Brownhast Stud)	McShafia	Calif	Greentree Stable	Red Bank	N. J.
Brownlee Houghton	Austin	Tex			
Burke Carlton F.	Van Nuys Bldg, Los Angeles	Calif	Hall J. A.	Glanberry	N. Y.
Byrd Mrs J. H.	Rt D 4 Lexington	Ky	Hamilton Farm	Stadstone	N. Y.
			Hancock A. B.	Lans	N. Y.
Caldwell Rogers	Nashville	Tenn	Harris Albert W.	Kearna Stud Lake Geneva	Ill
Camden J. N.	Versailles	Ky (1 & 2)	Headley Hal Rice	Lexington	Ky
Carr J. B. & Bro	RR No 8 Lexington	Ky	Headley J. P.	Lexington	Ky
Carrick James L.	Georgetown	Ky	Herring Charles G.	Bridgewater	Va
Carter M. W.	Orange	N. Y.	Herring Thomas G.	Bridgewater	Va
Casey M. F.	910 Seacrest Bldg Kansas City	Mis	Hester Mrs Fannie K.	Chicago	Ill
Chichester A. M. Jr	Leesburg	Va	Humphry Stud	Lexington	Ky
Christenson Sven	Pleasanton	Calif	Hitt Mr R. P.	W. d. Leeburg	Va
Christan B. W.	Bg Spring	Tex	Humphrey R. L.	Mountain	Va
Clay Charlton A.	Parsy	Ky	Hindley A. E. & Son	Danville	Ky
Cochran G. Ford A. (Shan don Stud)	Mc Kusco	New York			
Coe W. R. (Shoshone Stud)	Lexington	Ky	Idle Horse Stock Farm	P. O. Box 517 Lexington	Ky
Combs Brownell	Lexington	Ky			
Cosden J. S.	Warrenton	Va	Jeffords Walter M. & Sarah	Chen Riddle	Penn
			D. F.		
Dangerfield E.	Lexington	Ky	Johnson Frederick	26 F. 42nd St New York City	N. Y.
Delano Lyman	Steen Val, Barrytown Duches	N. Y.	Jones, Alfred L.	San Yandro	N. Y.
	Co		Jones Ben A.	Parnell	N. Y.
Dodge James L.	Parsy	Ky	Jones John P.	Charlottesville	Va
Drumbrle George	Walla Walla	Wash			
Dunman Theodore	Novice	Tex	Keene J. O.	Kearnsland St d Lexington	Ky
Du Pont, Wm. Junr	822 Delaware Trust Bldg., Wilmington	Del. (N. J.)	Kellogg W. K.	Pennona	Calif
			Kendall W. W.	Holt Spring	Va
Eable S. S.	Widams	Calif	Kulmer Willis Sharpe	Binghampton	New York
			Kretschamp W. F.	Prospect	Ky

BLOOD HORSE BREEDERS (contd)

Labrot Sylvester W	Holly Beach Farm Annapolis	Md (c 7)	Respass J B	Highland Stock Farm Erlanger	Ky
Laffoon Pk	R T D 1 Covington	Ky	Riddle Samuel D	Glen Riddle	Penn
Lehnann Otto W	Lake Villa	Ill (#2 7)	Riley Red	White Post	Va
Long Baron	Rancho Valle de las Vegas	Calif	Ross Samuel	Washington	D C
	Alpine		Rosseter J H	Rancho Waukup San Francisco	Calif
Luttrell H M	Delaplane	Va (c 2)			
Lyne H O	Orange	Va	Salmon Walter J	Lexington	Ky
Lyne L A	Nicholasville	Ky	Sands Mrs Daniel C	Middleburg	Va
McDowell Thomas C	Ashland Stud Lexington	Ky	Sanford John	Amsterdam	New York
McLean Edward B	Belmont Plantations Ashburn	Va	Shaffer C B	Lexington	Ky
Macomber H J	Mira Monte Stud San Jose	Calif	Sinclair H F	Jobstown	N Y
Madden J E	Hamburg Place Lexington	Ky	Swaggart B F	Lexington	Oreg
Mapleton Stud	Malvern	Penn			
Marshall J W	Walnut Creek	Calif	Taylor J Swager	Frankfort	Ky
Marshall R P	512-4th Ave Pittsburg	Penn	Thatcher R C	Pueblo	Colo
Mason Silas B	Lexington	Ky	T Lord Frank V	Berryville	Va
MAYNESBORO ARABIAN	Berlin	N.H.	Tracy J Stuart	Lexington	Ky
STUD W R Brown					
Meacham Rodman	Hopkinsville	Ky	U S Remount	Washington	D C
Miller Cole an R	South Park	Ky	University of Nevada	Reno	Nev (c 12
Milner W B	Greenwich Stud Lev n	Oreg			3 7 6 10 12,
Mills Orrin C	Paulina	Ky			# 14
Moore Mrs Charles W	Lexington	Ky	Van den Heuvel H	Vallejo	Ky
Morris John H	Versailles	Ky	Van Dusen Clyde	Lexington	Ky
Moseley L A	R R 1 Hopkinsville	Ky	Vele S H	Kansas City	Miss
Murphy, T N	St Matthews	Ky			
Nevada Stock Farm	Reno	Nev	Waggoner W T	Fort Worth	Tex
Nuckols Charles	Horseland Stud Midway	Ky	Walker P N	Boyce	Tex
O Connell E O	Bakersfield	Calif	Waring Richard S	San Angelo	Tex
Palmer J F & Danelson	Pawhuska	Okla	Waring Estate of Samuel	Eden	Va
K L			Watkins William Bell	Berryville	Ky
Piatt Thomas	Lexington	Ky	Watts Garrett & Sons	Lexington	Ky
Prechard I F	Paris	Ky	Weant W C	Anchorage	Calif
Prune Edward A	Colorado Springs	Colo	Wegforth Mrs Harry	San Diego	Ky
			White J H	Hopkinsville	New York
Randolph A C	Bluemont	Va	Whiting C L	Rochester	Penn (7)
Randolph B O F	Milwood	Va	Widener Joseph F	Ogents	Ky
Regan Mrs T J	Paris	Ky	Wigman John S	Hutchison	N Y
			Wilson R T Jr	512 5th Ave New York City	Ky
			Xalapa Farm	Paris	Ky

HACKNEY HORSE
AMERICAN HACKNEY HORSE SOCIETY (7)

Merrick, New York State

PROMINENT BREEDERS

Atkinson A W	Camden	N J	Lehmann O W	Lake Villa	Ill (A 2 6)
Buyers A E	Willamsville	N Y	Maclay Alfred B	452 Lexington Ave New York City	N Y
Carpenter, R R	Montchanin	Del	Moore Paul	Convent	N J
Champlin A L	Ames	Iowa (p 8)	Page Mrs Donald O	Far Hills	N J
Fuller Mortimer B	Seranton	Penn	Roth Mrs William P	1918 Jackson St San Francisco	Calif
Goodman R J	33 Sycamore Road Hartford	Conn	Scott Mrs Jean Browne	Port Kennedy	Penn
Greer George	Rye	N Y	Stuart L A	Seattle	Wash
Hancher Charles V	Wheeling	W Va	Thompson John R	Lake Forest	Ill
Heyl George A	Washington	Ill (A 8 9)	WILLETS, J MACY	New Marlboro	Mass (c 7)

WELSH PONY

WELSH PONY AND COB SOCIETY OF AMERICA (8)
La Fayette, Indiana

PROMINENT BREEDERS

Alexander John	Aurora	Ill (A 9)	George William	Aurora	Ill
Beghtel F W	Vermont	Ill	Gorman Harry R	Norris	Ill
Berryman C H	Lexington	Ky			
Brown Fred L	Ashtabula	Ohio	Hallwell Walter S	Bound Brook	N J
Brown George I	Aurora	Ill	Harris Robert J	Table Grove	Ill (p 11 A 7,
Cary Geo. C	St Johnsbury	Vt	Heyl George A	Washington	9)
Cunningham T I	Ravenna	Ohio			
Davis J K	Greenville	Penn	Jones C H	Plain City	Ohio
Davis Art H	Greenville	Ill (A 9)	Judd C O	Kent	Ohio
Edison G Howard	St Albans	New York			
Evans W. E	20 N. La Salle Street, Chicago	Ill	Leet J H	Mantua	Ind
Faxon Earl M	New Boston	Ill (A 9)	Lupton A C	Hartford City	Ind

WELSH PONY BREEDERS (contd.)

W. H. W. H.	Sandwich	Calif.	Trout & J. A.	Calif. City	Ill.
N. H. Carlin	Trenton	N. H. (11 & 9)			
O'Brien, Mrs. D. S.	1st & 2nd Farm, Greenwood	N. H.	N. H. H. H. N.	1st State, L. H. H. H.	N. H.
Shannon, T. S.	Greenfield	Ill.			
Shannon, C. H.	Greenfield	Ill.			
Shannon, N. A. H.	Greenfield	N. H. (11 & 9)	W. H. H. H. H.	N. H. H.	Ill.
Shannon, J. H. Adam	Greenfield	Ill.	W. H. H. H.	N. H. H.	Ill.
Shannon, J. H. Adam	1st & 2nd Farm, New York City	N. H. (11 & 9)	W. H. H. H.	N. H. H.	Ill.

SHETLAND PONY

AMERICAN SHETLAND PONY CLUB (9)

La Fayette Indiana

PROMINENT BREEDERS

Alexander & John	Aurora	Ill. (11 & 9)	Hawkins & Emma L.	Newington	N. H.
Alumbaugh, H. T.	Carlisle	Ill.	Hawley Mrs. J. J.	Pittsford	N. H.
Anderson, H. N.	Chas. H.	Ill.	Hart, H. H. S. M.	Allen, Ill.	Penn.
Anderson & Lindsay Co.	Lake Forest	Ill.	Haley Frank I.	Bedford	Ill.
Andrews, H. H.	Washington	Ill.	Hell George A.	Washington	Ill. (11 & 9)
Andrews, I. J.	Bristol	Tenn.	Hell Harley H.	Washington	Ill.
Bartlett, Wm.	Vermejo Park	N. H.	Jenkins Chas. S.	Lansdale	Pa.
Bassett, Chas. B.	Walton	N. H.	Johnson H. H.	Clay Center	Nebr. (11 & 10)
Bayley, H. O.	Lake Meulah	N. H.	Kahler & Justice	Plain City	Ohio
Bedlow, J. M.	Hingham	Mich.	Kenan M. C.	Oreanta	N. H.
Bennett, O. H.	Washington	Ill.	Kennedy Benjamin	Conneaut	Ohio
Bentley, Robert L.	Kealy	Ill.	Kuykendall Henry	Streator	Ill.
Berg, L. J.	Maximo	Ohio	Larrabee M. A. & B. H.	Bell ningham	Wash.
Berkshire, Lewis	Johnstown	Tenn.	Lybrand & Ferguson	Delaware	Ohio
Billing, J. S.	Athens	Ill.	McAdoo Mrs. F. H. B.	Lamar	Mo.
Black, Logan W.	Ja. H. H.	Ill.	McAfee A. B.	Lawrenceburg	Ind.
Blodgett, C. I.	Marshall	Ill.	McLendon C. D.	Fairfield	Iowa
Boyd, H. M.	Jefferson	N. H.	McLach John W.	North Benton	Ohio
Bratt, C. S.	Colfax	Ill.	M. H. H. J. Jr.	Belton	Tex.
Brown, George A.	Arapahoe	Nebr. (11 & 9)	M. H. H. H.	Monmouth	Ill.
Brown, Wend H. F.	Hoton	Mich.	Morton John	Dorwin	Wis.
Bush, Jacob	Grand Blanc	Mich.	Murd L. S.	Brooks	Ore.
Cananea Cattle Co.	Cananea Sonora	Mex.	Nelson Howard Stout	Althen Farm Darien	Conn. (11 & 8)
Carlisle Shetland Pony Farm The	Carlisle	Penn.	Norris Geo. W.	Anna	Ill.
Clark, C. H.	Leocompton	Kan.	Pellet E. E. LeRoy	Pontac	Mich.
Clarke Bros.	Auburn	Nebr.	Ph. H. H. C. G.	Cortland	Ohio
Clarke, S. I.	Doer	Ill.	Preston Mrs. E. A.	North Ferrisburgh	N. H.
Cooper, John B.	Kankakee	Ill.	Price Leonard C.	Lexington	N. H.
Corson, G. & W. H.	Hymouth Meeting	Penn.	Putnam Mrs. Angel C.	Veneyard Haven	Mass.
Cowan, C. P.	Jackson	Mich.	Ramsell F. R.	Franklin Grove	Ill.
Crawford Bros.	Leasburg	N. H.	Rau R. G.	St. Joseph	Mo.
Cruikshank Helen Moore	Ilanafield	N. J.	Roberts W. S.	Murphysboro	Ill.
Davis, Arch	Tremont	Ill. (11 & 8)	Robertson James Jr.	Strong City	Kan.
Davis (Mrs.) Nettie	Hatavia	Ohio	Rowe Mrs. Mary O.	Liburn	Ill.
Dixon, I. and M.	New Boston	Ill. (11 & 8)	Sanchez Dario	Laredo	Tex.
Donbowe, John	Story City	Iowa	Seft Adam	Waukesha	Wis.
Dorrance Marguerite	Leora	Ill.	Simpson T. S.	Dowers Grove	Ill.
Doty, Levi	Frankfort Station	Ill.	Sloppy W. H.	Marshalltown	Iowa
Dudley, T. H.	Middleburg	Ill.	Snee Nash I.	Cartersville	Ill. (11 & 8)
Dunning, W. H.	Cambridge	Mass.	Steele Geo. W.	Kasson	Ill.
Edsall, J. B.	Pine City	N. Y.	Strong J. A. & Sons	Columbia City	Ind.
Elliot, Dr. S. B.	Markham	N. Y.	Stucker N. E.	Ottawa	Kan.
Fix, George	Wheaton	Ill.	Sulzberger S. F.	Amarillo	Tex.
Flowers, —	Montville Cincinnati	Ohio	Teter P. H.	Weston	N. H.
Frank & Covington	Nashville	Tenn.	Thompson W. J.	Dorchester	N. H.
Fulcomer, W. H.	Bellevue	Kan.	Tuttle S. T.	Wichita	Kan.
Gilbert, H. W.	Davenport	Ia.	Turner Mrs. Jas. M.	Lansing	Mich.
Gordon, H. E.	Newberg	Ore.	Voight John G.	Green Village	N. J.
Harnet, S. L.	Kankakee	Ill.	Watkins F. J.	Birmingham	Al.
Hartwell, Hros.	Schubert	Ohio			
Haskenwinkle, Chas.	Hartger	N. Dak.			
Hastings, C. W.	Decatur	Ill.			

ALGORA GOAT BREEDERS (contd)

1 1/2 - 1 W	Langley	Ten	Thompson, R. J.	Oakland	Key
1 1/2 - 1 W & Sons	Langley	Ten	Thompson, A. & Son	Oakland	Key
1 1/2 - 1 C & C	North Castle	Ten	Thompson, W. A.	Camp Wood	Ten
1 1/2 - 1 W. I.	Juniper	Ten	Tilton, C.	Cl.	Ten
1 1/2 - 1 J. I.	Camp Wood	Ten	Turner, B. & S.	Juniper	Ten
1 1/2 - 1 W. Joseph	Camp Wood	1 1/2	Turner, W. & S.	Carlisle	Ten
1 1/2 - 1 T.	Well	Ten			
1 1/2 - 1 S. I.	Well	Ten			
1 1/2 - 1 W. W.	Well	Ten			
1 1/2 - 1 W. & Son	Well	Ten			
1 1/2 - 1 S. R.	Juniper	Ten	W. & S.	Crest, Allen	Allen
1 1/2 - 1 C. R.	Juniper	Ten	W. & S. J. W.	Juniper	Ten
1 1/2 - 1 J. A.	Juniper	Ten	Ward, J. W. & Son	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. & S.	Juniper	Ten
1 1/2 - 1 W. C.	Juniper	Ten	Watson, M. H.	Juniper	Ten
1 1/2 - 1 S. H.	Juniper	Ten	Watson, W. I.	Juniper	Ten
1 1/2 - 1 M. A. M.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 H.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
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1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
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1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
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1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 J. M. Jr.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 M. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2 - 1 B. & S.	Juniper	Ten	Watson, J. I.	Juniper	Ten
1 1/2					

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FARMERS' ASSOCIATIONS AND
CLUBS,
KENNEL SOCIETIES,
POULTRY BREEDERS'
ASSOCIATIONS.**

PLEASE NOTE

VOLUME TWO. EDITION 1928-1929.

**International Directory of
Pedigree Live Stock Breeders,**

DEPÔT IN UNITED STATES.

Charles C. Thomas

300 EAST MONROE STREET,
SPRINGFIELD, ILLINOIS

Goat Breeders.

ANGORA GOAT

AMERICAN ANGORA GOAT BREEDERS ASSOCIATION

Rocksprings Texas

PROMINENT BREEDERS

A & M College	Cello Station	Tex	Halbert Col B M	Sonora	Tex
Adams Ernest	Wid a	Tex	Hartman, C D	S herston	Ore
Ames J B	21 Ch rry Str et Ranger	Tex	Haydon H L	Als a	Ore
Armer Mrs W	Hingston	New Vex	Higley Maurice	Fern ngton	Miss
Arnold D & B	1 non	New Mex	Hoke, R W & Sons	Rt 2 Box 172 Salem	Ore
Asbridge Jas L	Lakes de Farm Somers	Mon	Holekamp N	Kerrville	Tex
			Hampton T C	Rocksprings	Tex
Babb T W	Ruck j r nes	Tex	Hardgrave I W	Sanderson	Tex
Bailey C P & Sons	San Jo e	Calif	Harper C W	1 topia	Tex
Bailes W C	San Jose	Calif	Hay Geo A	Med na	Tex
Baker Frank	San ton	Tex	Haywood H	Drpp ng Springs	Tex
Barney O O	Cascabel	Tex	Hegler W R	Prville	Tex
Baize Adam	Huex	Ark	Herman J A	Juchon	Tex
Bian Mrs Sus e	R cksprrng s	Tex	H lderbrand Jan es	Russellville	Ky
B lter A A	Brackettv lile	Tex	Hill W H	San An oio	Tex
B lter Brothers	Brackett lile	Tex	Hoggett Mar in	Rocksprings	Tex
Bo i W E	Junct on	Tex	Hoover Earl	Burnett	Tex
Donner G A	Leakey	Ore	Horton C H	Sealdon	Tex
Booth Robert Roy	Venealia	Tex	Hyde J B	Kerrville	Tex
Doren A B	Leakey	Tex			
Brenner Hugo H	Luckenba i	Tex	Johnson W W	R F D No 5 Bedford	Va
Driggs C F	Del R o	Tex	Jones D T	San Angelo	Tex
Brown I B	S bln tt	Ore	Jordan A kley	Showers Pass	Calif
Brown A A	Rock prngs	Ore			
Browning J J	Bla e	Tex	Keen Wm	Junct on	Tex
Bruen Brothers	Bismarck	Mon	Kelly Mrs J F	Barksdale	Tex
			Kes 7 A & B o s	Harlan	Ore
Camp O J	Junction	Tex	Kzorek J A	1011 Wentworth Ave Chicago	Ill
Campbell S P	Lureka Spr ng	Ark	Kretsch Ja	Lawen e	Nebr
Can, Iran F F	Luspiev	Tex	Kriddle Alvin	Mt Home	Tex
Chapin R L	Leakey	Tex	Kroll Frank	Harper	Tex
Chapman J I	Wiber	Ore	Kroll W H	J nson City	Tex
Chase J M	Junction	Tex			
Chism W W	Van Jorpool	Tex	Lackey Oscar I	Vance	Tex
Chism Edgar	R o Eric	Tex	Lancaster F F	Walado	Tex
Christ an B I	P ne R ver	Min	Landrum I O	Lapuna	Tex
Classen Jno I	Bracken	Tex	Lange Aug	Katemey	Tex
Cleve C I van	K rkland	Ark	Lange D A	Leakey	Tex
Coleman Lou s	Amman	New Mex	Larg G I	Leakey	Tex
Condon Brothers	Start Hi Orland	Calif	Lawi r A O	Junct on	Tex
Cooper Sam F	Leakey	Tex	Let h Sheep Comp Co	Kansas City	Miss
Cowsett I F	Junct on	Tex	Livar nan A D	Voca	Tex
Cowsett M A	Junct on	Tex	Loar P A	S herston	Ore
Cowsett O O	Rocksprngs	Tex	Lockhart W J	Vance	Tex
Crum J D	1 non	New Mex	Long Felix	Geary	Okl
Croft H L	Marble Falls	Tex	Long Mrs Lloyd	Hugo	Min
Davay H I	Pine River	Min	M Caleb L E	Nonno th	Ore
Davis Bob	P o Fr o	Tex	McAlhoun Bros	Queen	New Mex
Davis Brothers	R o Fr o	Tex	Mahnke John	Kelseyville	Calif
Davis R W & Sons	Sonora	Tex	Man, Old A g	Tarpley	Tex
D nukes S W	Rocksprings	Tex	Mann Brothers	Bready	Tex
Dunne Ltd	Sanderson	Tex	Marshall O O	Rocksprings	Tex
Dunsdale T L & T J	Junia	Tex	Martin C L & Sons	Menard	Tex
Dunw Oscar	Oakridge	Ore	Maves A E	Rocksprngs	Tex
Duke R L	1 topia	Tex	Morris Reg nald	Morris Ranch	Tex
			Musselman J F	101 Park Avenue New York City N Y	
Farwood Fred T	Sonora	Tex			
Farnad C C	Sonora	Tex	Nipper W W	Brackettv lile	Tex
Farewell Ithin	Corist xk	Tex	Northern Angora Goat Co	Helen	Mon
Farewell Lloyd	Cons, tock	Tex			
Fet V R	Junction	Tex	Odchirk J W	Roosevelt	Utah

ALGORA GOAT BREEDERS (cont'd)

1. M. T. W.	Hingsdale	Tex	Thomas, Duren I.	Oakland	Ky
2. J. L. W. A. Goss	Merrill	Ky	Thompson, C. A. & Son	Oakland	Ky
3. J. C. C.	Northville	Tex	Thompson, W. A.	Camp Wood	Tex
4. J. W. J.	Junction	Tex	T. T. C.	Id.	Tex
5. J. H. J. F.	Camp Wood	Tex	Turner, B. Oren	Junction	Tex
6. J. H. J. F.	Camp Wood	Id.	Turner, W. Oren	Carlisle	Tex
7. J. H. J. F.	Id.	Tex			
8. J. H. J. F.	Kennett	Tex			
9. J. H. J. F.	Merrill	Tex	Vault, I. Hugo T.	Junction	Tex
10. J. H. J. F.	Leakey	Tex			
11. J. H. J. F.	Junction	Tex	Walker, A. C.	Constellation	Ariz
12. J. H. J. F.	Junction	Tex	Walker, J. W.	Junction	Tex
13. J. H. J. F.	Junction	Tex	Ward, Jno. A. & Son	Sonora	Tex
14. J. H. J. F.	Junction	Tex	Watson, J. A.	Junction	Tex
15. J. H. J. F.	Junction	Tex	Watson, M. R.	Junction	Tex
16. J. H. J. F.	Junction	Tex	Watson, W. J.	Bernal	Tex
17. J. H. J. F.	Junction	Tex	Weatherby, J. I.	Kilmoke	Ariz
18. J. H. J. F.	Junction	New Mex	Webster, J. F.	El M. Havertt	Tex
19. J. H. J. F.	Junction	Tex	West, K. W. L.	Cypress Mills	Tex
20. J. H. J. F.	Junction	Tex	West, H. M.	Georgetown	Tex
21. J. H. J. F.	Junction	Cal	Wheeler, H. C.	Leavitt Hill	Tex
22. J. H. J. F.	Junction	Tex	Whitcomb, S. H.	Norfolk	Tex
23. J. H. J. F.	Junction	Tex	Whitcomb, S. H.	Center Point	Tex
24. J. H. J. F.	Junction	Tex	Whitcomb, S. H.	Elmira	Tex
25. J. H. J. F.	Junction	Tex	Whitcomb, S. H.	Junction	Tex
26. J. H. J. F.	Junction	Tex	Whitcomb, S. H.	Junction	Tex
27. J. H. J. F.	Junction	Tex	Whitcomb, S. H.	Camp Wood	Tex
28. J. H. J. F.	Junction	Tex	Whitcomb, S. H.	Montell	Tex
29. J. H. J. F.	Junction	Tex	Whitcomb, S. H.	Junction	Tex
30. J. H. J. F.	Junction	Tex	Whitcomb, S. H.	Junction	Tex
31. J. H. J. F.	Junction	Tex	Wythe, Landon D.	Weatherford	Tex
32. J. H. J. F.	Junction	Tex			
33. J. H. J. F.	Junction	Tex	Yett, W. T.	Blanco	Tex
34. J. H. J. F.	Junction	Tex	Yett, W. T.	Blanco	Tex
35. J. H. J. F.	Junction	Tex	Yett, W. T.	Blanco	Tex
36. J. H. J. F.	Junction	Tex	Yett, W. T.	Blanco	Tex
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97. J. H. J. F.	Junction	Tex	Yett, W. T.	Blanco	Tex
98. J. H. J. F.	Junction	Tex	Yett, W. T.	Blanco	Tex
99. J. H. J. F.	Junction	Tex	Yett, W. T.	Blanco	Tex
100. J. H. J. F.	Junction	Tex	Yett, W. T.	Blanco	Tex

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Charles C. Thomas

300 EAST MONROE STREET,
SPRINGFIELD, ILLINOIS.

Livestock Breeding in British West Indies.

SAINT VINCENT Twenty five miles south of Saint Lucia is the island of St Vincent with an area of 132 square miles one of the most fertile in the Windward Island Group where the principal products are sugar rum cocoa and spices More than one sixth of the total area is under cultivation and the soil is highly productive Although the climate is exceedingly humid with an annual rain fall of nearly 80 inches it is by no means unhealthy The island has a local government assisted by a legislative Council The Government have maintained an Experiment Live Stock Breeding Station to which from time to time Pedigree and stud animals have been imported Experiments have been carried on since the year 1902 chiefly for the purpose of encouraging better breeding methods and the local interest in breeding from Pedigree sires and dams Thus Thoroughbred stallions have been imported and placed at the service of farmers and the breeding of dairy cattle has been encouraged through the importation of Ayrshire and Holstein Friesian bulls and heifers As regards pig breeding besides Poland China stud animals from the United States Berkshire and Large Black pigs have been imported from England and proved most useful These imported animals have according to the Colonial Secretary left their mark on the animals in the island The imported Zebu bulls have proved eminently suitable for crossing on the native cattle and several fine herds can now be seen on the north coast In the little island of Mustique where all the native cattle have been crossed with Zebu bulls some remarkably fine cross breeds have resulted Speaking generally the native cattle have turned out suitable material for crossing purposes and probably Saint Vincent would prove a likely place for Pedigree live stock breeding with an abundance of beautiful pastures a climate suitable for breeding and great interest shown among breeders for improvement of herds and flocks There is however a considerable amount of work to be done before the farmers can be persuaded to abstain from breeding off scrub animals Pig breeding is a well paying proposition Regarding sheep breeding there is a number of considerable flocks but the sheep are on the whole somewhat small sized although very hardy and thoroughly acclimatised Goat breeding is much in vogue and the size of the flocks seems to be larger in this island than in a number of the West Indian islands

GRENADA This island belongs to the Windward Group and is one of the most beautiful of all the West Indian islands with splendid soil suitable for all kinds of tropical plants Spices grown here attain a flavour almost unique The chief town St George is the seat of the government while other towns are St David Charlotte Granville and Sauteurs The island was discovered by Columbus in the year 1498

From the live stock breeding point of view there is a field for enterprising men especially with regard to pig and sheep breeding The Live Stock Department states that pigs are doing extremely well in the island where the breeders besides for local consumption are breeding for the requirements of Trinidad The number of pure bred boars seems limited but there is a general grading up attempt the native pigs being crossed with Berkshire and Large Black boars Towards the end of 1926 a rather severe outbreak of swine fever ravaged in the Parishes of St Patrick and St Andrew

As regards the breeding of sheep this is a remunerative industry and breeders are chiefly catering for the Trinidad market Several breeders have imported a number of Southdown rams from the United States to grade up their flocks and the improvement is marked During the last few years no imports of sheep from British South Africa have taken place but before the war wool less sheep were imported from Africa and proved a suitable breed for Grenada Goat breeding is well to the fore and the Government contemplate importing Saanen bucks for the crossing of native does

The results from Thoroughbred horse breeding in the island are stated to be satisfactory several stallions having been imported recently The local Race Club contemplates the importation of a number of Thoroughbreds with a view of stimulating racing and horse breeding

SAINT LUCIA The commercial importance of this beautiful island came to an end with the construction of the Panama Canal and its value as a coaling station once upon a time considerable has likewise disappeared On the other hand the island promises well to become a live stock breeding centre of some importance but not before the Government have succeeded in attracting settlers to the Crown lands which still lie almost unused as they have done for many years waiting for the would be purchaser

It is curious that this attractive island with its many advantages has been neglected up to now by live stock men seeing that local conditions for a prosperous live stock industry are favourable. The island belongs to the Windward group lying between Martinique and St Vincent. It is a volcanic island with the greater part covered by dense forests where the valleys are well cultivated and extraordinarily productive in coffee of a magnificent quality. There are large stretches of land which can be purchased on easy payment from 10s to 20s an acre and besides coffee, bananas, limes and other tropical fruits grow luxuriantly and can be sold at good prices to the fruit shipping companies. Capital investment by the smaller stock breeders should prove a good speculation.

Exactly three hundred years ago this island was given away by King Charles I to one of his favourites who however, being insolvent could not effect colonisation. In the year 1605 the good ship *Olive Blossom* landed a handful of settlers who fired wildly when they discovered that the King of France claimed the island. In the year 1635 he actually gave away the island to some of his courtiers and these in 1642 transferred their rights to the French West India Company. This in turn sold St Lucia, Grenada and Martinique for the cash sum of £1600 to a group of adventurers since when St Lucia was alternatively in French and English possession until in 1782 Admiral Rodney captured the island from the French. After that date it has been a British colony. The island is 28 miles long and 15 miles broad and as stated of wonderful fertility. As a tourist attraction the island is certainly worth attention.

LEeward ISLANDS. The first white man to discover these islands Christopher Columbus sighted them early in the morning on the 3rd November 1493, a discovery that opened a romantic at times very bloody history of early colonisation. To day these islands are prosperous and although their agricultural and commercial activities for geographical reasons are limited it would probably be correct to state that live stock breeding in the future may play a considerable part in their further development. The name of this island group has been used by geographers from time to time. During the period of sugar cane prosperity great riches accumulated most of which however, in later years was lost when the sugar cane was cultivated in so many other countries. The emancipation of the slaves was likewise a loss to the islands. However some of these islands have always enjoyed a quiet prosperity.

The island of ANTIGUA is about 70 miles in circumference with an area of 108 square miles and a total acreage of about 70 000 acres. The chief articles of export are sugar and cotton. The soil is very diverse in character and the most fertile lands have a lower strata of limestone and clay.

The island of St CHRISTOPHER with an area of 68 square miles is very mountainous. The principal town *Basse Terre* is a most attractively laid-out town.

The island of NEVIS has an area of 50 square miles and was for administrative purposes united with St Christopher in 1832. Sugar and cotton and live stock breeding are the main sources of income.

ANGUILLA has an area of 35 square miles of well cultivated land divided into 506 holdings each of which is of a few acres. Once upon a time the Anguilla cotton was of the finest quality in the West Indies.

DOMINICA has an area of 306 square miles and is divided into ten Parishes in each of which live stock breeding takes place. The agricultural products are sugar, limes, coconuts, oranges and coconuts. This island with its beautiful scenery and fertile soil is the largest of all the Leeward islands and seems eminently suited for breeding of sheep and pigs. The soil is everywhere highly productive especially in the interior. Crown land can be acquired on reasonable terms and at fairly cheap prices.

MONTserrat, at a distance of 25 miles from Antigua, has an area of 32 square miles with the chief towns of St Anthony and Plymouth. Sugar, cotton and limes are the main articles of export.

The VIRGIN ISLANDS thirty two in number, include Tortola, Anegada, Salt Island, Peter Island etc. Owing to the decline in cane sugar cultivation the Government long ago decided to encourage live stock breeding and an Experimental Station was established. Prosperity has again returned. Pedigree animals for improving the local breeds were acquired, agricultural supervisors and inspectors engaged and a series of interesting experiments undertaken for the purpose of ascertaining which breeds in Europe, the United States or India might be most suitable for the local conditions. Thus a number of Indian Zebu bulls were imported from time to time and crossed with the native cattle, the crosses being again crossed with the Island cattle which probably emanated from old English stock. This cross breeding probably commenced in the year 1878 and may be considered as the foundation for the island's present cattle breeding industry. Later on American Shorthorn bulls besides Holstein Friesian and Hereford bulls were imported for cross breeding and Suffolk cows were also utilised. At the Skerrett Experimental Farm various cross breeding experiments were undertaken and again Indian cattle and Dexter bulls were imported. An inspector of animals is supervising cattle breeding. English Thoroughbred and Hackney stallions have likewise been imported and undoubtedly done some good, and as regards pig breeding Berkshire boars have been utilised for grading up the island breed. Undoubtedly the field for the live stock man in the Leeward islands is not unimportant and as the number of privately owned agricultural estates on which live stock breeding is taking place is considerable systematic propaganda by breeders of Pedigree livestock in the Continents of Europe, Australasia and America should open up trade possibilities. The following list contains the names and addresses of the principal agricultural and stock breeding estates.

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index every known Breeder of Pedigree Agricultural Livestock in every civilized country of the world at last, and therefore in possession of accurate facts concerning names and addresses of breeders and the animals to be bred. Enquiries by breeders concerning opportunities, markets, transport, animals, suitability for different climates, sources of supply, etc. are answered by return of post free of any cost.

Livestock Breeding in Jamaica.

The Jamaica Agricultural Society, Kingston, has for many years worked hard and patiently towards developing the live stock industry in the island. This is developing, and the interest shown among the farmers for improved breeds and better methods in breeding cannot fail to slowly penetrate so that the present breeding off the "scrub" may soon be a thing of the past. Pedigree stud animals have been purchased from Great Britain during the last thirty years, or so, and under the auspices of the Colonial Department of Agriculture, a Government Stock Farm was established some years ago where a number of different cattle breeds as well as horses have been tried, in some instances with very conspicuous success, while in other instances one or two breeds have proved entirely unsuitable for the climate of the island. Successfully Jerseys and Guernseys, Ayrshires, Red Polls and Aberdeen-Angus cattle have been bred, and several foreign cattle breeds, especially the Brown Swiss, seem to be in favour. Since the Government made dipping obligatory and inaugurated dipping tanks in several places, commencing at Grove Place, Mile Gully, much less sickness prevails, but the problem of immunising European breeds is, of course, one of certain magnitude. On the average farms indiscriminate breeding is, unfortunately, still the rule, as owing to the local demand for meat it is here rather a question of fattening 'butchers' beasts than breeding from stud animals.

The Department of Agriculture established a few years ago a Stud breeding farm in the Manchester district, at an elevation of 1,550 ft., with an area of 3 362 acres where a number of excellent stallions bulls, etc., are kept for service to the farmers. Thus Hereford, Sussex, Devon, Aberdeen-Angus and Red Poll bulls have contributed to grading up the native cattle, and Indian bulls of the Zebu and the Hissar breeds have also been stationed here. It is probable that the grading-up movement can be best promoted through the use of Indian bulls as their progeny seems more immune against contagious diseases. There is a great number of cattle farms in Jamaica, here called Pens and the live stock is probably now developing on more satisfactory lines. According to the latest census, the cattle stock reached nearly 150,000 head, while the horse stock was estimated

at 26,000 Pig breeding, which curiously enough is not rapidly developing, and sheep breeding, are numerically represented by small numbers, i.e. 35,000 pigs and some 6,000 sheep. The climate of Jamaica should certainly permit of a profitable live stock industry, but as regards cattle, it is admitted that the best crosses are obtained through the assistance of Indian stock, and more rapid development on the individual farms is to be seen where the cross bred stock is kept. The valuable Pedigree strains require some generations before their blood becomes immune against cattle diseases, and in this respect, the same experience has been made in other parts of the West Indies.

The area of Jamaica is about 4,400 sq miles, of which 880,000 acres are stated to be under timber and runate, and 1,111,000 acres cultivated. The cultivated land is officially termed grazing lands comprising some 834,000 acres, and 47,000 acres are tillage land. Among the various crops coffee is the most important, being cultivated on about 18,000 acres. Bananas have been cultivated for several years on a much larger area, officially estimated at 80,000 acres, but undoubtedly a great portion of this acreage is slowly going out of banana cultivation other tropical fruits instead coming in vogue. Coconut palm trees are planted over nearly 40,000 acres, yielding a constant source of income. Cocoa is lately cultivated on about 8,000 acres. Other agricultural crops are ginger, arrowroot, cassava, rice, oranges and nutmeg, besides corn and cane.

There are several hundred grazing farms where 100 head or more of cattle are bred or maintained. The greatest number of these cattle farms is in the parishes of St Mary, St Anne, and West Morland, but there is a number of large farms under grass in the parishes of St Katherine, St Elizabeth, St Andrew, and Manchester. The average head of cattle seems to be 400-500, but on many a farm 1,500 to 2,500 head of cattle are kept. Breeding and feeding of live stock has always been and remains the mainstay of agriculture, and when science can clearly point the way towards immunising the various categories of domestic animals, Jamaica with its large population cannot fail to develop towards becoming, in this part of the world, a factor in the production of dairy food.

Principal Estates.

Estate	Area in Acres	Head of Cattle	Estate	Area in Acres	Head of Cattle
St. Andrew's Estate			St. Mary's Estate		
Constant Spring Estate	000	330	Armita Vale Estate	1 80	480
Hallsville Estate	1 4	310	Fort George	2 08	900
W. A.	800	400	Fort Stewart	1 44	700
Marathon	1 000	400	H. Jewell	1 306	670
St. Thomas Parish			Hammondsgrove	1 95	810
St. John's Hall & Ashley Estate	70	290	Knight's	2 14	660
St. John's Mount	1 000	30	Quince	701	900
Charlton Hall	1 000	60	Sherman	812	300
St. John's	800	310	St. John's Park	704	21
St. John's Parish			St. Andrew's Estate		
St. John's Valley Estate	1 412	290	Averyn Park	1 state	1 00
St. John's	1 41	410	Arthur's Seat & Bog	1 303	501

PRINCIPAL ESTATES (contd.)

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Livestock Breeding in Trinidad and Tobago.

The Breeding of Pedigree stock is carried out solely at the Government Farms—one in Trinidad and the other in Tobago. The large Sugar Plantations only breed grade stock and their breeding is principally for working purposes. The types of animals used are Zebu cattle chiefly of the Nellor or Guzerati type and the Water Buffaloes.

Horses At the Government stock farms Thoroughbred stallions are kept standing for service in different parts of the Colony. Their progeny are chiefly used for Racing purposes and for hacks on sugar plantations. The fees charged for services are £3 to £4. Some of these stallions are bred to imported Thoroughbred mares and their progeny are at times good enough to race in the same classes as imported horses.

The stallions on the farms at present are four in number—Golden Eaglet Marat Quickmatch and Nelsweep. The latest importation is Golden Eaglet who was recently landed in the Colony from England at a cost of £300. He was a winner in England.

DONKEYS Four donkey stallions are maintained for mule and donkey breeding. The larger Jacks are imported from the USA (Kentucky) and the smaller ones from the neighbouring Island of Barbados. For mule breeding the Government charge a fee of £1 to £1.10s and for Donkey breeding a fee of 5s

CATTLE The Colony is not interested in beef cattle as being near to the natural Savannas of the mainland of South America. The Island imports 1,000 head of beef cattle from Venezuela every month, and they are sold, after paying all expenses at a price of 2½d—3d per lb live weight.

Breeding is therefore confined to two types of animals—dairy cattle and draught cattle.

At the Government farm in Trinidad a dairy is run for the purpose of supplying milk to the Government Institutions—as a matter of fact the farm was really started as a dairy about 50 years ago and its functions were later increased to cover that of the improvement of live stock in the Colony.

The dairy herd is chiefly composed of Grade Friesians. In the past different kinds of dairy bulls were imported but as the best results were obtained from Friesians only this type of bull is now used. The best milk yield is 60 lbs per day from a highly graded Friesian and there are several others of the same type which give 50 lbs when fresh.

There are at present 4 pure bred Friesian bulls on the farms and another is standing for service in an out district. The pastures throughout the Colony are chiefly the property of the Government and the farm supplies highly graded Friesian bulls for service. In a short time it is hoped to be able to provide pure bred bulls for the fees charged for services \$3 60 for Pedigree bulls and \$1 00 for grade bulls.

A pure bred herd of Zebu cattle chiefly of the Nellor strain originally imported from the Hissar farm in India is also kept on the farms. These animals are bred chiefly for working purposes and the pure-bred bulls at 4 years of age are sold for £80 £100 to the large Sugar Plantations which use them to grade up their working stock.

The herd in Trinidad is the best in the West Indies and a considerable trade is done with all the Islands selling bulls to such important Sugar Islands as Cuba, Barbados, Antigua, Guadeloupe and Martinique. Some of the Pedigree stock is sold to Venezuela. On some of the Sugar Plantations Buffalo herds are kept and stock bred for working purposes.

PIGS. The farms breed the following types of pure bred pigs: Berkshire, Large Blacks and Blue pigs, Tamworths, Middle whites and Poland China. These have been tried but as the results obtained were not encouraging these breeds are no longer used. The Berkshires and Large Blacks do extremely well and

the pure bred pigs are sold very quickly at 6 8 weeks old for £1 5s. At the annual sale at the farm about 30 40 lots of pure bred pigs are sold and in this way the Pedigree stock is scattered for breeding purposes throughout the Colony.

SHEEP AND GOATS.—Very little sheep breeding is carried out in this Colony while in the Island of Tobago sheep are bred chiefly African sheep crossed with Hampshire Down or Dorset sheep. Sheep do much better in the Windward Islands, and Trinidad depends on these islands for mutton. Goats of the Swiss type, Saanen and Toggenburg are fairly common in the Island. The Government has several Saanen bucks standing for service throughout the Colony and everything is done to encourage the peasants to improve the dairy strain of the native goats. A herd of Saanen goats original stock from Switzerland is on the live stock strength of the farm in Trinidad and goatlings (both bucks and does) are offered for sale.

The best yield for a goat is 12 lbs per day but up to 16 lbs have been obtained from Saanen goats in the Colony.

GENERAL REMARKS.—The Pedigree stock is chiefly imported from Canada and the United States of America owing to the fact that restrictions governing the importation of animals from the British Isles are very severe on account of Foot and Mouth Disease.

The most dangerous disease affecting imported stock is Red Water fever (Bovine Protoplasmic) in cattle. In order to overcome the high death rate young stock which are as a rule highly resistant are imported and become naturally immunized.

It is of interest to note that although the Stock farm in Trinidad has so many duties of a public nature to perform its Revenue exceeds its Expenditure.

Illustration page 674

Prominent Breeders

Az. cu. 1 No.	P. of pa	Trinidad	Orange Grove Estate	Ta. atyua	Trn. 1a 1
C. u. 1 state	an	Trn. 1a 1	St. Mad. 1a. Sug. r. Con. pany	S. n. Fernando	Trn. 1a 1
C. u. 1a	St. Au. u.	Trn. 1a 1	T. ad. Coa. Socie. v.	St. Joseph	Trn. 1a 1
D. a. 1a 1	10. 10. 1a	Trn. 1a 1	Wat. ou. 1a c.	Carapa. hima	Trn. 1a 1
n. rnm. n. Fan	St. Joseph	Trn. 1a 1	Woodford Lodge Estate	Chaguana	Trn. 1a 1
1. 1a. n. 1a 1	Sea. boro	Toba. o			

Livestock Breeding in Cuba

The latest Live Stock census in Cuba estimates the number of cattle at 4 514 000 horses at 685 000 but sheep and pigs have not been counted for several years.

During the last ten years the Island farmers interest in live stock has increased and the animals exhibited at local Fairs bear good evidence to the opinion held in the United States that Cuba will soon rank as an important breeder of agricultural stock. Where prominent stud animals have been acquired either for pure breeding or crossing with the local native stock such animals have been chiefly drawn from the United States. The total area is about 44 000 square miles while the coast line is nearly 2 000 miles in length.

Since the island became an independent Republic and American influence made itself felt improvements in every direction are noticeable and as a live stock raiser and sugar cane producer Cuba has probably an important future to look forward to. The climate is of course very hot and the annual rain fall varies from 40 to 160 inches. The forests of Cuba are magnificently luxuriant with an abundance of valuable timber, rice and corn are the chief crops but cotton, cocoa and indigo, sugar, tobacco and coffee are largely cultivated.

The Cubanese farms are as a rule well managed, and the soil is well prepared; and as a very considerable portion of the island is entirely devoted to cattle breeding which seems, judging from the progress made, a paying proposition, it is very likely that Cuba offers good opportunities for breeders of Pedigree stud animals. In the Provinces of Santa Clara and Matanzas the sugar cane cultivation is magnificent, and while sugar is to-day the chief source of income to the agriculturist, tobacco is, of course, the reliable mainstay of the country, commercially speaking. The seat of Govern-

ment is at Havana, and the island is divided into six Provinces—Santa Clara, Santiago, Pinar del Rio, Puerto Principe, Havana and Matanzas, in all of which live stock breeding is given attention. The chief complaint about this Island is the bad roads. In several Provinces magnificent horses are bred, and that the Cubanese farmer has an eye for live stock breeding was recently demonstrated at a Live Stock Show at Havana where several very good bulls and cows were exhibited. The following list of breeders of Pedigree stock testify to an awakening interest in the livestock industry.

Prominent Breeders.

	Cattle		Cattle
Abalá, Dr. Olegario, Apartado 125, Camaguey		Arce, Natalio, Sancti Spiritus	
Alvarez, Américo, Camaguey		Becerra, Esteban, Matanzas	"
Alvarez, E. (Hijo), Apartado 40, Santa Clara	"	Bepato y Genta, de, Matanzas	"
Arenas, Eulogio, Central, Legación, Camaguey	"	Bilbao, Indalecio, Júcar	"
Barahona, J. C., Camaguey	"	Borral, Mariano, Finca El Chaco, Wajay	Horse
Barahona, Domingo, Apartado 100, Camaguey	"	Borral, Juan, Santa Clara, Finca	Cattle
Barral, Dr. Felipe, Camaguey	"	Borral, Juan, Martí, Finca de Camaguey	"
Barral, A. (Hijo), Apartado 100, Santiago de Cuba	Horse	Borral, Juan, Martí, Finca de Camaguey	"
Barral, E. (Hijo), San José, Finca, Júcar	Cattle	Borral, Juan, Martí, Finca de Camaguey	"
Barral, Eulogio, Camaguey	"	Borral, Juan, Martí, Finca de Camaguey	"
Barral, Eulogio, Santa Clara, de Cuba	"	Borral, Juan, Martí, Finca de Camaguey	"
Barral, Eulogio, Santa Clara, de Cuba	"	Borral, Juan, Martí, Finca de Camaguey	"
Barral, Eulogio, Santa Clara, de Cuba	"	Borral, Juan, Martí, Finca de Camaguey	"
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Barral, Eulogio, Santa Clara, de Cuba	"	Borral, Juan, Martí, Finca de Camaguey	"
Barral, Eulogio, Santa Clara, de Cuba	"	Borral, Juan, Martí, Finca de Camaguey	"
Barral, Eulogio, Santa Clara, de Cuba	"	Borral, Juan, Martí, Finca de Camaguey	"
Barral, Eulogio, Santa Clara, de Cuba	"	Borral, Juan, Martí, Finca de Camaguey	"

Livestock Breeding in Guadeloupe.

The Live Stock estimate for Guadeloupe states cattle 27,000, sheep 12,500, pigs 58,000, horses 8,600.

This French Colony seems to develop its Live Stock Industry, as was evident at a recently held agricultural Show at Basse-Terre, June, 1927, when the remarkable strides in agriculture and live stock breeding during the last twenty-three years were evident, as during the interval no Show had been held. Excellent horses were exhibited, besides mules and asses, and in the class for cattle some very interesting exhibits demonstrated the results from crossing the "Creole," or native, breed with French bulls. The number of first-rate dairy cattle exhibited with statements concerning their performance and milk-fat testify to systematic attempts of grading-up the live stock industry to a well paying proposition. Some well bred pigs of the French Craonnaise breed likewise testified to the possibility of breeding pigs in spite of the tropical climate. During the last ten years the average milk production, owing to improvements through cross breeding, has been brought up to 10 litres from a previous 4½ to 5 litres. Thus this exhibition illustrated the success with which the French Administration have met in their efforts to create a remunerative live stock industry in the West Indies. Long ago it was stated

by a Parliamentary Representative for Guadeloupe in the French Senate that live stock breeding ought to be made a paying proposition in the Colony because if the Creole types which had existed there for hundreds of years could be made to pay for their keep, it was only a question of "immunising" European stock, if imported, or otherwise achieving results through cross-breeding. The live stock is, of course, not considerable in numbers, but there is no reason why the Creole types should not be entirely dispensed with.

The soil is very fertile all over the islands, well cultivated, and the yield in agricultural products such as sugar, coffee, cocoa, bananas, etc., on a fairly satisfactory level. The colony, since 1814 in the possession of France, has sometimes been an English possession, lost by France and retaken. It consists of two distinct islands only separated by a narrow strip of water—the Salee River, these two different parts being known as Basse-Terre and Grande-Terre. Both these islands are traversed by numerous small rivers which, however, dry up during the summer. As means of communications, an excellent system of roads run all over the country in which the number of small but

Prominent Breeders.

Agr culture Dept of Porto Rico San Juan	Holstein Cattle	Diego Isidro P R	Duroc Jersey Pigs
	Ayrshire	Experiment Station U S Mayaguez P R	Tamworth
Alamora y Calafat Mayaguez P R	Brown Swiss	Fajardo Sugar Co Fajardo P R	Guernsey Cattle
	Guernsey	Genaro Cautiño Guayama P R	Shorthorn
Blondet Luis Guayama P R	Jersey	Harvey A J San Juan P R	Holstein
	Poland China Pigs	Landron Mrs Maria Ponce P R	Zebu
Bonelli Susan Yauco, P R	Duroc Jersey	Mari Mariago Arecibo P R	Poland China Pigs
	Tamworth	Natos, Juan, Lajas, P R	Toggenburg Goats
College of Agriculture Mayaguez P R	Anglo Nubian Goats	Nido & Co Arroyo P R	Holstein Cattle
	Arabian Horses	Oppenheimer Hermanos Ponce P R	Holstein
Central Aguirre Sugar Co Central Aguirre, P R	Holstein Cattle	Rovira Hermanos Guayama P R	Zebu
	Guernsey	Schuck Guillermo Ponce P R	Poland China Pigs
Central Mercedita Sucesion J Serralles P R	Ayrshire	South Porto Rico Sugar Co Ensenada P R	Holstein Cattle
	Poland China Pigs	Torreallas Juan Ponce P R	Holstein
	Jersey Cattle	Usara Vicente Ponce P R	Zebu
	Saanen Goats		Holstein
	Holstein Cattle		Ayrshire
	Guernsey		Zebu
	Ayrshire		Holstein
	Zebu		Ayrshire
	Arabian Horses		Holstein
	Holstein Cattle		
	Zebu		
	Arabian Horses		

Livestock Breeding in The Falkland Islands.

This group of Islands lies about 300 miles east of the Straits of Magellan and consists of 93 small islands, while the East and West, where live stock breeding is carried on comprise an area of about 3,150 square miles. The Islands have passed through many vicissitudes, having in turn belonged to England, France and Spain during various periods, and Argentina once upon a time claimed the possession. In 1833 the Islands however, again came under the sovereignty of Great Britain, then for the purpose of protecting the Whale fishery. The population is British and their chief occupation sheep raising. The total grazing area covers probably some three million square miles. The soil is mostly of a boggy nature where only very coarse grasses grow, however very nourishing for cattle and sheep. The climate is very healthy. It is a wind swept country, yearly rainfall of about 30 inches.

The main occupation, as stated, is sheep raising. While it is officially stated that the sheep carrying capacity of the land is gradually reduced, overstocking is nevertheless the chief complaint of the local Government who strongly advocate reduction of the number of sheep in the various flocks, and the erection of more sub divisional fences on all sheep stations, as being the only possible means of improving the present condition of the land. It is also complained that too many

useless old sheep are carried, producing very little wool and not paying for their keep while they deprive more profitable sheep of a good deal of food. The overstocking is chiefly in the West Falklands, but it is hoped that through proper weeding out of the useless animals, the quantity of grass available for highly producing flocks may improve. Most of the farmers pay their chief consideration to the quantity of wool produced at the stations and, of course, this leads to overstocking. Sheep are imported for breeding from time to time from the United Kingdom as well as from New Zealand. The Chief Inspector of Stock is advising the farmers to pay more attention to the importance of acquiring Pedigree breed animals, while his chief complaint is that breeders are not providing their imported sheep with sufficient food and shelter. Efforts are made to encourage the growing of valuable stock food—crops, such as turnips, oats, hay, etc., and experiments during the last few years have sufficiently proved that the soil is capable of growing very good crops if only better methods could be adopted in preparing it. As regards cattle, the stock is increasing and milk production is given more attention. At the Government Experimental Farm horse breeding is being encouraged. Clydesdale stallions having lately been imported. The number of stallions is now 28 and of brood mares about 300. The total number of sheep is about 615,000.

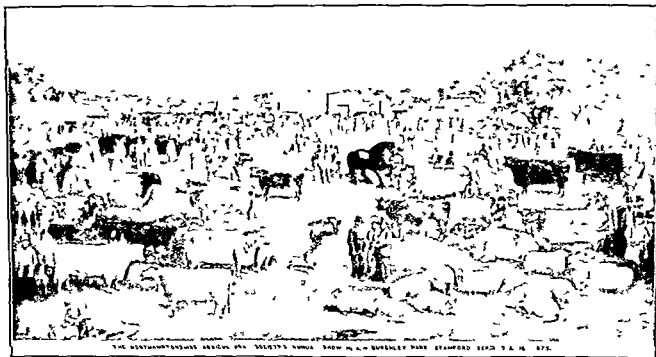
Chief Breeding and Grazing Stations.

1. Bay West	Hamilton J	Weddell
2. Moody Valley	Hansen J	Carrasco & Jason
3. San Isidro	H. Invested Blake & Co. Ltd	Adelaide
4. Westbourne	Luxton & Arden	Chaffers
5. San Carlos South	Matthews J. F.	West Swan
6. St. Peter's Creek	McKenzie A.	Bluff C. W.
7. San Carlos North	Parke Bros. & Co. Ltd	Purvis & J. A. Co.
8. Baker	Patalunga Bros.	C. Traill
9. Lively	Patel & H. J.	Rincon & Cande
10. Fort Stephens	Rickards H.	Sea Lion
11. Fort St. Peter	R. Brown	Fort St. North
12. Fort St. Peter	S. H. Mrs.	Fort St. North
13. Fort St. Peter	Smith & Sons	New
14. Fort St. Peter	St. Peter's	Bakerley & Sons
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SOUTH AMERICA

SUD AMERICA

HACE CINCUENTA AÑOS,
COMO SE VE POR EL GRABADO ARRIBA, QUE
REPRESENTA UNA GRAN EXPOSICIÓN CELE-
BRADA EN NORTHAMPTONSHIRE, INGLATERRA,
LOS CRIADORES DE LA GRAN BRETAÑA,
CRIARON UNOS MAGNÍFICOS.



VISTA DE LA EXPOSICIÓN ANUAL DE LA NORTHAMPTONSHIRE AGRICULTURAL SOCIETY CELEBRADA EN
SEPTIEMBRE DE 1875 EN BUCKLEY PARK STAMFORD
(Reproduction of Picture in 1875 by permission of owner the Marquess of Exeter)

HOY, EN EL AÑO 1928

EL GANADO PEDIGREE QUE CRÍAN ES AUN
SUPERIOR.

¿DONE? ¿QUIEN? CONSÚLTENOS POR CARTA.
LE AYUDAREMOS A VD.

LOS EDITORES, DIRECTORY PED. STOCKBREEDERS.

SHORTHORNS

SUPREME FOR BEEF AND MILK.

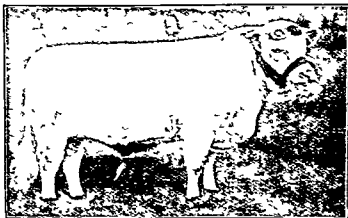
SHORTHORNS are noted for Prepotency and Early Maturity and dominate the Export Trade

A RACA SHORTHORN PARA CARNE E LEITE.

A raça SHORTHORN é notada pela sua prepotência e pela sua maturidade prematura e domina o commercio de exportação.

SHORTHORNS PARA CARNE Y LECHE.

La raza SHORTHORN tiene fama por su prepotencia y pronta madurez. En efecto, domina el comercio de exportación de ganado en pie.



THE SHORTHORN IS THE WORLD'S CROSSING BULL.

FAT STOCK SHOW SUCCESSES
IN 1927.

BIRMINGHAM SHOW—Supreme
Championship

SMITHFIELD CLUB SHOW—
Baby Beef Championship, Reserve for Steer Championship, Reserve Champion Steer under 2 years, Sire of Supreme Champion

A Dairy Shorthorn Heifer won the Silcock Cup Competition, 1927, against all breeds

O TOURO SHORTHORN É O MELHOR TOURO DO MUNDO PARA CRUZAMENTO

SUCCESOS OBTIDOS NOS FAT
STOCK SHOWS EM 1927

O CONCURSO DE BIRMINGHAM

HAM—Campeonato Supremo

O CONCURSO DO CLUB DE

SMITHFIELD—Campeonato

Baby Beef—Campeão de reserva

para novilhos—Campeão de

reserva para novilhos de menos

de dois annos, Pai do Campeão

Supremo

Um Rebanho de vacas leiteiras

Shorthorn ganhou o Concurso

Silcock Cup de 1927 contra

todas as outras criações

EL TORO SHORTHORN ES EL MEJOR TORO QUE EXISTE PARA CRUZAS.

EXITOS OBTENIDOS EN LOS FAT
STOCK SHOWS DE 1927

BIRMINGHAM SHOW—Campeón

ato Supremo

SMITHFIELD CLUB SHOW—

Campeonato Baby Beef, Campeón

de reserva de novillos, Campeón

de reserva de novillos de menos

de 2 años, Padre del Campeón

Supremo

Un rebaño de vacas lecheras

Shorthorn ganó en 1927 el

Concurso para la Copa Silcock,

al que concurrieron rebaños

de todas las razas



For Shorthorn breeders' full and
all information can be obtained from

For all other breeders' full and
all information can be obtained from

For the "Guía de los Criadores de
Shorthorn" y demás datos al

The Secretary, SHORTHORN SOCIETY, 12, Hanover Square, London, W.1, England.

Livestock Breeding in Argentina

According to the latest census the present Live Stock in Argentina comprise cattle 37 105 000
sheep 36.205 000 pigs 1.445 000 horses 9.395 000

In the forefront among the world's pastoral countries Argentina during several decades has bred excellent agricultural stock and the Argentinian live stock man ranks to-day among the most skilled breeders. Argentina has for many years bred better animals than has been the case in many other countries and the Argentinian breeders have paid the highest prices for British Pedigree strains. Probably in no other country was the value of recorded Pedigrees early so highly appreciated as in Argentina and the result is that to-day the value of the Stud Flocks and Herds in the Republic represents stupendous sums of money. The native stock has been improved to a degree scarcely imagined some twenty five years ago and the badly shaped small sized and coarse grained native cattle and sheep have disappeared the bulk of the cattle sheep and pigs now bearing the stamp of British breeds.

Among the best known breeds in Argentina the Shorthorns the Herefords and the Aberdeen Angus should be specially mentioned the existing herds having been entirely built up from imported sires and dams. Among Dairy cattle the Swiss Simmental and Fribourg the Island Jersey and Guernsey breeds the French and Belgian cattle and Dutch Friesians are now highly appreciated in the country and bred at a degree of perfection which reflects the greatest credit to the Argentinian breeders.

As regards horses Percheron horses Shires and Clydesdales are much in favour and to day bred in Argentina true to type and character. As for sheep Ramboulllets Tasmanian and Saxony and Negretti Merinos are bred in many parts of Argentina and as for Down Sheep Oxford and Hampshire Downs and Shropshires are greatly in vogue and bred with the same success as in the original homeland of these breeds. The Romney Marsh sheep in Argentina are almost perfect as this breed has been acclimatised in a remarkable degree. As for Great Britain's Long Woolled sheep the Lincoln sheep are to day highly cherished all over the Republic and have here developed finer bone and wool than the breed ever obtained in its own homeland.

As regards pig breeding the American Duroc Jersey is probably the most popular of all existing types in Argentina but the Yorkshire pig is coming to the forefront together with the British black coloured breeds such as the Large Black and the Berkshire. Curiously enough there is little or no demand for the Tamworth pigs.

The Argentina Rural Society— Sociedad Rural Argentina—one of the most virile and up-to-date Associations of Breeders in the whole world is the organiser and owner of all existing Stud Books in Argentina. In the year 1888 the Argentinian Short horn Herd Book was founded and later sold to the Society which have continued it year after year steadily increasing entries which now exceed 100 000 in number. The Hereford cattle are also organised with a Herd Book and lately the Aberdeen Angus has been placed in the same position.

The Sociedad Rural Argentina whose offices are at Buenos Ayres Florida 460 supervises the breeding and entries of Pedigrees in accordance with strict rules and regulations for the various breeds and the Society thus controls the following Stud Registers.

Herd Book Argentina comprises Shorthorn and Polled Shorthorn cattle Hereford Devon West Highland Sussex and Aberdeen Angus breeds the French Charollaise and Normandy breeds and the Holando Argentina or Friesian breed.

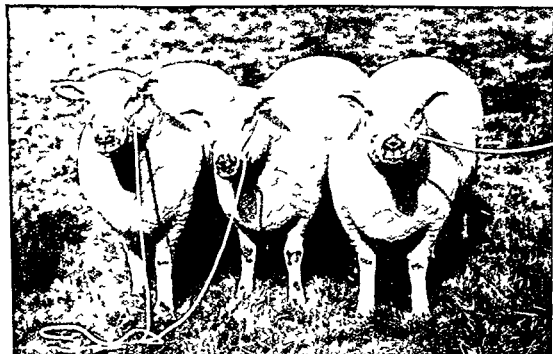
The Stud Book Argentina comprises the following Horse breeds. The Argentina bred horse the French Percheron and Boulonnais the Belgian Ardenne and the British Suffolk Shire and Clydesdale horses.

The Flock Book Argentina comprises Lincoln Romney Marsh and Rambouillet Merino sheep and Shropshire Hampshire and Oxford Down sheep.

The Swine Book Argentina comprises the already mentioned American and British breeds and the other Stud Books maintained by the Society are the Ass Book Argentina and a Cat and Dog Stud Book.

Although the Argentinian breeders to-day are among the foremost in the world and their

H. C. Pilkington's Bryntanat Herd of Beef Shorthorns and Flock of Kerry Hill Sheep



Photograph by

KERRY HILL SHEARLING EWES

[Farmer and Stock feeder

1st at the Royal Show—Exhibited by Mr H C Pilkington Bryntanat Llantsaffraid

THE SHORTHORN HERD is composed of some of the best Scotch families viz Avene Brawith Bud Clipper Goldie Princess Royal etc

THE KERRY HILL FLOCK is the best in this hardy breed, good wool mutton prolific breeders and possessing constitutions to withstand any climate

This Flock won 2 FIRSTS and 1 SECOND, Royal Show, Newport 1927

EL SHORTHORN HERD se compone de algunas de las mejores familias escocesas Avene Brawith Bud Clipper Goldie, Princess Royal etc

EL REBAÑO DE KERRY HILLS es el mejor de esta raza robusta famosa por la carne y lana que rinde por su extraordinaria fecundidad y una constitución suficientemente fuerte para soportar cualquier clima

En el concurso R A S L de 1927, el rebaño de Kerry Hills se ganó 2 PRIMEROS premios y segundo

Para todos los detalles dirijase a la dirección que se indica al pie

For all particulars apply—C. H. HOBBS, Abertanat, Llanyblodwel, Oswestry.

excellent in every respect, it may undoubtedly be correctly stated that for many years the country will purchase breed animals from other countries, chiefly from England and Scotland, France and U.S. America. There is a tendency in Argentina towards breeding the "Double Utility" type, such as the Dairy Shorthorns or Red Polled cattle, etc., and probably Germany will soon enter the field of competition with some of her best breeds.

Among the markets available to the Argentina meat producer and breeder, worth cultivating for the

sake of high prices obtainable, Great Britain ranks foremost, as of all the meat imported into Britain the bulk is imported from Argentina. It is, therefore, practically certain that the Argentinian breeders will continue to acquire the very best *sires* obtainable with a view of constantly developing their cattle. That this view is taken in Argentina is proved by the fact that the leading Estancieros are striving to breed according to the changed taste in Great Britain, and are thus to-day developing early maturity in their cattle.

Prominent Breeders.

Albino Lorenzo	San Justo	La Esquina	F.C.S.	
Akerley	Douglas Makolm	La Puente	Carlton	
	Teyndor	I.C.O.		
Ackerley J.C.	Makolm	El Lucero	Heredero I.C.O.	Pigs Sheep
Ackerley	Margarita L.C.	Crana Santa Margarita		Shorthorn Horses
	Heredero	C.O.		Pigs
Aguirre A.Y.L.	Santa Santa	Ena B. Loran		Shorthorn
	F.C.S.			
Alagon, C.J.D.	Los Nogales,	Florencia	Varela	Poultry
	F.C.S.			
Alkhoury B.Y.L.	La Brisa	La Carolina		Shorthorn
	Itasca	F.C.S.		
Alkane y Bell	El Ombú	City Bell	F.C.S.	Poultry
Almagro Julian	San Judin	Clarke	F.C.C.A.	Poultry
Alonso Manuel	Chantecla	La Capdevila	3112, Capital	
Alston Guillermo	La Carlota	Kemerer	F.C.S.	Shorthorn Aberdeen Ang.
				Horses
Alvarez Ange D.	San Antonio	Alvarez	F.C.C.A.	Poultry
Alvarez Jose Maria	Granja Cakhaqui	Concepcion		
	del Rio	Lentre Ros		
Aliza Martin de	El Recreo de Aliza	Mechnougé		Sheep
	F.C.S.			
Amodeo Joaquin D.	La Ballenera	M. ramar	F.C.S.	
Anasagast Dario E.	La Barranca	Cangallo	I.C.S.	Horse
Anchorena Juan	San Luitoldo	La Atuna	y Cabana	Shorthorn
	El Arucua	F.C.S.		Percheron
Anchorena Manuel B.	Cabaña Santa Martha			Shorthorn
	Tomás M. Anchorena	F.C.S.		
Andant (Hijo) Jorge	Sauce-Có	Isorete	I.C.S.	
Andant E. Pablo E.	La Galina	Andant	I.C.M.	
Angus Suarez on	W. Ham	La Livina	Lobos F.C.S.	Shorthorn
Araoz Miguel F.	San Antonio	M. ramar	I.C.S.	
Arcondo Ale. Andre	La Pastoral	Alberdi	F.C.I.	
Arcevala Juan J.	La Fdela	Arenaza	F.C.O.	Hereford
Argentina Jose Berni	Land	Cabaña Matén	11	
	Matén Chubut			
Argerich Guillermo	La Gleba	Argerich	F.C.S.	Pigs
Asociación Argent	na Criadores de Cerdos	Buenos Aires		
Asuparranza y Cia	Tres Algarrobos	Cuen	A.F.C.O.	
Ayerra Alfonso	Los Horns	Castanos	F.C.S.	Hereford Horses
Ayerra Herman	El Aduar	Atucha	F.C.A.	
Ayerra R. y R. Cabala	La Sola	Canal	F.C.S.	A. B. H. rose
Baca Kühr Alfredo	El Baigual	Arroyo Venado		Poultry
	F.C.S.			
Baca Kühr y Tagliaterra	Cabaña	El Baigual	Arroyo	Pigs
	Venado F.C.S.			
Bachem Guillermo	La Maria Lusa	San Andrés		Sheep
	Gules	F.C.C.B.A.		
Balfour Frank J.	El Colorado	W. hington	F.C.P.	
Balero Oscar	La Titia	Castrova	F.D.	
Barbe Domingo	La Holandesa	Llavalot	F.C.S.	Horses
Barbery y Kelley	Cabaña Barkel	Sot	F.C.C.A.	Shorthorn
Bardini Mario E.	La Querencia	Amérca	F.C.O.	Poultry
Bargman H. Noel	Los Pinos	Burraco	F.C.S.	
Barreto B. Munz	Cabaña	Juan Geronimo	M. Veloz	Hereford
	F.C.S.			
Barreto B. Munz	Cabaña	La Luna	Barreto	F.C.I.
Barreto Hnos	Cabaña La Magdalena	Barreto		Aberdeen Angus
	F.C.S.			Poultry
Baurin Juan J.	La Pastoral	Alberdi	F.C.P.	Shorthorn
Bayo Romulo	El Chafar	Monje	F.C.S. Fd.	Poultry
Beghin Carlos	La Josefina	Ranchos	I.C.S.	
Balfour Jorge W.	La Invernada	San Eduardo		
	F.C.C.A.			
Bell Archie W.	Keryma	Santa Eugenia	F.C.P.	
Bell Arturo Tomás	Cabaña	Del Rio	Ena V. la Lusa	
	F.C.S.			
Belloq Félix J.	Santa Craciana	Tres Arroyos	F.C.S.	
Ben Veger Luis	San Jacobe	V. Valeria	I.C.S.	Poultry
Benedt J. Juan Carlos	Harris Chacabuco	G. neral		
	Belgrano	F.C.S.		
Bengolea Juan Carlos	Cabaña Santa Rosa	Ben olea		Shorthorn
	F.C.C.A.			
Bentz Alfredo Donald	Los Algarrobos	Monte Buey	F.C.A.	

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PROMINENT BREEDERS (contd.)

Grill Rosa G. Vanda De La Rosa Cándara 3773	Poultry	Jenquel Adolfo Cabaña Las Dalias Coronel Suárez FCS	
Capital		Jenquel Arturo Las Dalias Coronel Suárez FCS	Sheep
Grobly Federico La Elisa Co. darco FCO	Sheep	Jewell Carlos J S Las Petacas San Jorge FCCS	Lincoln Shorthorn
Guerrero Hector M. Cabaña Charles Juancho FCS	Aberdeen Angus	Jewell & Pirler La Invernada W. Merinuth FCCA	Pigs
Guevara José A. La Maria Luisa Cañada Rica FCCGBA	Poultry	Jonas Alberto El General Baradero FCCA	Poultry
Gulihou Armand Cabaña La Margarita Roberts FCO		Judson Claude S Los Ombús Bella Vista FCP	Horses Poultry
Guizaro Jorge V. Rosario	Poultry	Kennard Gabriel C. Linton La Cumbre FCCN A	
Hale Compañía Ltda. Sam. el B. F. tane a Tatay	Shorthorn	Kennard Walteno Albion Pascanas FCCA	Shorthorn Horses
Tatay FCCBA	Aberdeen Angus Horses	Kühberg Carlos P. Wassermann Llavallo FCS	Horses
Hall W. T. Los Portehos La Trancá FCCA	Shorthorn	Koenig & Ca. La Granja Maria Luisa FCS FÉ	Poultry
Healy Eduardo Las Rosas Gahán FCCBA		Koni Emilio La Suiza Roldán FCCA	Shorthorn
Hearne Juan P. San Antonio Chacabuco FCP		Lacau y Són Mitúle Arenas FCO	Poultry
Henderson Eric Walter Nueva Escoce a Guanaco FCO		La Eugenia Cradero Blanco Encalada 3238 Cap. tal	Cattle
Helle Carlos A. zur Don Roberto Lava sse FCP		Laffaye Hnos. Cabaña La Reforma Moscom FCS	Friesian
Herrera Vagas e Hnos. Rafael Las Hermanas J. M. Gutierrez FCS	Poultry Hereford Horses Sheep	La Martona Sociedad Anónima V. cente Casares FCS	Pigs
Hil Enrique A. El Refugio Carbó FCLR		Lamas Dámasa S. Z. de El Paraíso La Luisa FCCA	Shorthorn
Hita Pedro y Rodolfo La Bélgica Solanet FCS	Shorthorn	Lambe P. A. Los Ingleses Máx. mo Paz FCS	Aberdeen Angus
Hoare Oliver Jorge La Catalina Elord FCS		Lambert Patricio La Chiquita Letama FCS	Poultry
Hodgson Fred "Cradero Inglés" Fsherton FCCA	Poultry	Landry Francisco El Palomar San José FCS	Sheep
Hoeg Müller E. La Danesa Vapor La Victoria Canal San Fernando FCCA		Lastra y Francisco Alcorita Santa Inés Nutrias FCS	Pool ry
Hogg Ricardo Ombó V. cente Casares FCS	Aberdeen Angus Lincoln Cirolio	Lando Francisco Hector Los Ojos de Agua Huerta Grande FCA del N.	
Hoemann, Julio G. Las Hermanas Cobo FCS		Lastra Alberto M. La Malacra San Agustín FCS	Sheep
Hughes Fryce G. Sucesión de Elnea Bonfatto FCS	Shorthorn	Lastra Juan José San Alberto San Agustín FCS	Shorthorn, Lincoln
Hunt Alfredo Siete Árboles Acaña FCNLA		Lau Juan J. Maria Luisa Rivas FCP	Merino Argentino
Huntero Hijo J. Las Palmas Roberto Cano FCCA	Fries an	Leanes An. el La Delfina Cangallo FCS	Clydesdale
Hunter Marciano Las Palmas Roberto Cano FCCA	Horses	LECUBE ALEJO P. LOPEZ Suc. Cabaña San Ramón Lopez Lecube FCS	Percheron, Pur Sang
Hunter R. C. Cabaña Los Platanos Altamirano FCS			Poultry
Ibarra Andrés F. Cheteryupá Bragado FCO	Shorthorn		Friesian
Ibarra Foo L. y Fernán Los Prados Bragado FCO		Lerming R. Granja El Progre o Pergamón FCCA	Aberdeen Angus
Ibarra José R. y Juan San Ramón Bragado FCO		Lehmann Rodolfo B. La Cady Esperanza Santa Fe	
Ipola J. M. C/o Dirección Agr. cultura & Canadense La Plata		Lejarza Fern. n. Granja Neuquén Funes FCCA	
Irazoz Juan B. Cabaña Los Pinos I. nos FCS			
Iriberry B. A. La Mariana Heavy FCL de BA		Leloir Anton o C. Santa Cándida Concepción del Uruguay FCLR	

Dr. Alejo P. Lopez Lecube

STATION LOPEZ LECUBE, F.C.S.

ARGENTINE REPUBLIC

SOUTH AMERICA

BREEDER OF

Shorthorn Cattle.

Lincoln and

Clydesdale,

Rhode Island

* Merino Argentino *

Hackney,

Poultry.

Sheep

Percheron and
Pur Sang Horses.

PROMINENT BREEDERS (cont'd)

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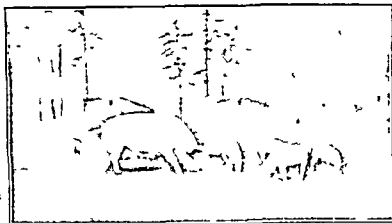
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Livestock Breeding in Bolivia.

With the exception of sheep, the flocks of which according to the latest census in Bolivia number about 4,225,000 head, the live stock breeding industry is neglected. The cattle census estimates the existing number at 2,335,000 head, the pig stock at 502,000, and the number of horses at 205,000. On the other hand, in Bolivia two remarkable animals are bred by the Indians for their wool growing capacity, i.e., the Llama and the Alpaca, while the Guanaco and the Vicuña are no less remarkable. It should be stated that the number of cattle roaming about wild in the forests and on the high tablelands is very considerable, and European residents who from time to time have been prone to give estimates numerically hold the number to reach several hundred thousands. As a live stock breeding country Bolivia has probably a great future and certainly the country offers more advantages in this respect than either Paraguay, Chile or Peru, where live stock breeding is now developing on quite satisfactory lines. Owing to its geographical position Bolivia has always experienced great difficulties in developing and expanding her resources, but it is to be hoped that the friendly arrangement with her neighbours recently brought about, may result in increased exports of minerals and thereby permit the country to pay more attention to the need of State assistance to the farming community. As a producer of tin, Bolivia is probably without any rival quantitatively speaking, and the silver mines at Potosí and Oruro have brought riches to the country, but a country without a natural sea board is always handicapped, and Bolivia has in the past been suffering from lack of settlers owing to this circumstance. As uncultivated land is ludicrously cheap, and may be found very valuable owing to the large herds of cattle roaming about which might be hemmed in, it is likely that in years to come cattle ranching in connection with a refrigeration industry may draw many settlers to the country as has been the case in Madagascar and elsewhere where the settler had the double advantage of obtaining land for next to nothing besides grazing stock. It is often overlooked that Bolivia is a country of very great dimensions, as the area holds more than 250,000 square miles, but with a population of scarcely more than two million people, unable to explore the country's resources owing to its numerical inferiority. Probably more than 300,000 are Indians still living on uncivilised life.

The soil is generally fertile, the climate healthy and the land well watered through several big rivers such as the Mamoré, the Beni and the Madre-de-Dios. In the Bolivian Tableland, some 10,500 feet above sea level the air is remarkably pure and dry, but frost occurs every night of the year. Here is simply a wonderful land for livestock breeding. In the Yungas

district magnificent crops are harvested year after year, and tropical as well as temperate fruit grow here in abundance. Tea, cocoa, coffee and bamboo represent the indigenous plants, but many other valuable plants such as the sarsaparilla, rubber, balsam, and vanilla grow in many parts of the country. On the grazing plains—*Campos*—where the half-wild cattle love to roam about, these often attain good size and sometimes can be easily fattened. Here is a country *par preference* for the live stock breeder who could commence a profitable occupation without much capital.

An American live stock expert who recently investigated agricultural and live stock conditions in Bolivia reported to his Government that the "greatest need in the country at present is the introduction of better breeding animals from abroad." The best district for would be settlers, where stock breeding would meet with the greatest possible degree of success, is undoubtedly the Yacuma region southwards to the Chaco lowlands, along the Pilcomayo river. The districts where cattle breeding has proved most profitable are the Provinces of Campero, Totora, Ayopaya, Santa Cruz, Tarija, and also in the Gran Chaco and Aviles. As for sheep breeding, probably the departments of Totora, Gran Chaco, Cinte and Tomina are most suitable. Here sheep certainly attain good sizes and develop their wool capacities. The Government Department for Live Stock Breeding advises settlers taking up breeding and farming that the Province of Azero is the most suitable, and be that as it may, certainly the live stock is larger here than in any other Province.

As for the origin of the existing indigenous cattle breed in Bolivia, it is undoubtedly the descendant of the old Spanish stock originally imported from the southern Provinces of Spain. Through lack of care, and of course through unhampered inbreeding, year after year, these cattle have deteriorated to such an extent that a well fattened steer of good type and size seldom reaches a weight of more than 400 lbs. In appearance they are long-legged, with sunk backs, developing enormous horns, skinny and unkempt, and from these cattle the Bolivians derive their main food. Unfortunately, the best part of Bolivia for live stock breeding is in the east, far away from the populous districts. In the La Paz Tableland section every farmer breeds cattle, but in insufficient numbers, and thus it happens that in spite of hundreds of thousands of cattle roaming wild in the forests and over the campos, Bolivia is always insufficiently provided with meat. The best pastures are in the Province of Carangas in the fertile valleys along the Poopo river. However, during the dry months of the year even here

the grass dries up and the question of feeding the cattle becomes serious. In the Cochabamba region probably the best attention is paid to cattle breeding, but as even here insufficient alfalfa or other forage crops are cultivated, few individual live stock owners possess larger grazing herds than from 300 to 400. As a general statement it should be remarked that all the cattle bred in a local district are consumed there, so that very little is transported to other markets. In almost every town a weekly cattle market is held where fattened as well as worked-out oxen are sold. Among the best regulated cattle markets the one at Quillacollo where 600 head are weekly sold, should be mentioned. Should the number of cattle driven into a town for sale not be sold, they are driven back again to the grazing district, often 25 or more miles. In the Sucre district excellent oxen are marketed.

On the Morjos plains, in the Bolivian Ammazona district, there are very vast, for the purpose splendidly adaptable, lands for raising of cattle on a large scale, where the grasses grow luxuriantly and the water supply is plentiful all through the year. In this district the cattle stock is estimated at between 800,000 and 1,200,000, and it should be remarked that the live stock census does not touch this district. The cattle stock is of the Cnollo type, of very little value for fattening purposes. Here in this district a number of wild cattle exist, generally called 'Canado Bravo' grazing on the fringe of the prairies, but chiefly in the forests into which they escape when pursued. According to the laws of Bolivia, these cattle are no man's property, but become the possession at any time of him who can catch them. They often graze in herds of from 5,000 to 7,000 head.

As regards sheep breeding, probably the existing breed is a deteriorated Merino sheep, originally imported by the Spaniards when they conquered and settled in the country. The Indian sheep owners give little or no attention to their flocks which often comprise as many as 10,000 head. La Paz is the chief sheep breeding district in Bolivia with ample pasturage and water supplies, and where probably twenty times as many sheep could be maintained as now exist. More than one observing traveller has been known to remark that it is simply amazing that the Government are not encouraging sheep breeding in this district. The sheep here are sheared once every year, or twice in three years, the yield seldom reaching more than 2 lbs of washed wool. The shearing is carried out with a sharpened bit of glass or metal.

According to a source of information stated to be reliable, the number of Llamas is estimated at 650,000. Besides being one of the finest pack animals in the world, the Llama yields from 5 to 6 lbs of wool for which the same price is paid in Bolivia as for unwashed sheep's wool.

The number of Alpacas in Bolivia may reliably be estimated at 225,000, but it might be remarked here that the Government, for reasons of their own, have persistently neglected taking a census of this useful animal. In appearance it is similar to the Llama and the Vicuna although having considerably shorter legs. It is chiefly in the Lake Titicaca and in the Oruro districts that the Alpacas can be found in considerable numbers. The market centre for selling their wool is at Puerto Acosta. Nearly all the flocks of Alpacas belong to the Indians. Unlike the Peruvian breeders, the Alpaca breeders in Bolivia seem to neglect these highly useful animals. On an average a single alpaca shears as much as 10 lbs wool every second to third year. The wool is mostly black or brown, and the best prices are paid for the pure-white wool. In several districts of Bolivia the Alpaca is being crossed with the Llama.

In regard to pig breeding, little or nothing is being done to improve this industry although the general consensus of opinion is that Bolivia is singularly suitable for pig breeding. The reason is probably the animosity on the part of the Indians to rearing evil smelling animals. This explains why Argentina is the chief market for Bolivian pigs and why the consumption locally is small. Lately several larger estate owners have imported Duroc Jersey pigs from the United States partly for pure breeding and partly for crossing on the native pig, and the results have been most excellent.

As regards horse breeding, this is another neglected industry, probably because the horse is seldom used in farm work where the oxen is preferred, and also owing to the Indian lack of interest in this animal. The army is the chief consumer of Bolivia's horse material.

With the many natural advantages in Bolivia favourable to live stock breeding with land obtainable at almost the purchasers' own price and with possibilities of commencing breeding through incorporating a sufficient number of wild cattle, the Bolivian Government could undoubtedly attract many suitable settlers from other countries if attention were drawn to the opportunities.

Los Editores

del INTERNATIONAL DIRECTORY OF PEDIGREE STOCK BREEDERS,

23, Fleet Street, Londres, Inglaterra,

registrar todos los Criadores conocidos de Canales Pedigree de todos los países civilizados del mundo y por lo tanto poseen los datos exactos que se refieren a los nombres y direcciones de los criadores de los animales que crían. Las preguntas de los que crían para los de cualquier país que se refieren a los precios de venta, mercados, transportes, a la talla de los animales para los diferentes climas, fuentes de abas ecimiento etc. se contestan a vuelta de correo y libres de todo costo.

Livestock Breeding in Brazil.

According to a reliable Live Stock Census, the present stock of cattle may be estimated at 30,000 000 head, sheep at nearly 8,000 000, pigs at 19,200,000, and horses at 5,800,000

As Brazil only recently commenced organisation for bringing the breeding of her agricultural live stock into line with modern principles it is understandable that what this huge country has been doing lately in the way of breeding from Pedigree stock is not generally known, nor is it generally realised that Brazil is one of the largest countries in the world, as it embraces half of the South American Continent. Indeed, its area is nearly 3 219 000 square miles, and the greatest length of the country reaches 2 600 miles. Geographically, Brazil may be divided into an eastern portion of plateau lands lying at an elevation of from 2 600 to 3 650 feet, and another portion consisting of very extensive lowlands mostly lying on a level with the Amazon and Parana water systems. These lowlands, which comprise a large portion of the Amazon River Basin, probably contain more than half of the total area of the country, and generally lie 500—600 ft. above the sea level. Throughout Brazil the soil is of remarkable fertility, and it is questionable whether the soil in any other country of the world can be compared with the Brazilian soil. The largest forests in the world exist within the boundaries of the Republic and in luxuriance of pastures and magnificence of forests no other country compares with Brazil, while as for rivers no other country possesses such magnificent water ways and number of navigable rivers. The whole territory is traversed by a net-work of rivers through which, once these have been developed and brought into intercommunication, the whole of Brazil will obtain an inland water traffic system such as nowhere else on the Globe can be found. With all these advantages it may be stated that Brazil some day will rank as one of the foremost of live stock breeding countries able to powerfully influence the world's meat supply. The greater distance of the Amazon River passes through Brazil. When it is borne in mind that no other river on the earth has such a flow and such a volume of water, it is conceivable that through engineering skill these huge masses of water may easily be diverted to the benefit of live stock breeding and other agricultural pursuits.

The heat is of course intense, but the climate is generally very healthy, and in the great plains of the Amazon River the heat is tempered through the prevalence of enormous forests through the expanse of water and through the Trade-winds which stir the rivers. A perpetual summer reigns and the twelve months of the year are divided into two seasons only, the dry and the wet. As for the temperature, in the

Amazon district the mean temperature is nearly 82 deg ; in the western portions of the Amazon Valley it sometimes rises to 105 deg, but on the other hand, in many a district such as Para which lies only 1 deg from the Equator, the climate is agreeable although the temperature is more often than not between 90 deg and 95 deg. Now and then, although rarely, severely cold weather sets in, as was the case in 1859 when some 40 000 head of cattle perished in the State of Rio Grande do Sol. The rainfall is in many places less than 20 inches, while in some portions, mainly in the Amazon Valley, it often reaches 550 to 620 inches. The forests are still entirely in the virgin state and impenetrable, and there are districts where no white man ever penetrated. The most valuable timber produced in the world is to be found in these forests useful for every possible purpose. In the forests numbers of species of wild animals hunt, such as the puma the jaguar, monkeys, tapirs the anaconda the boa-constrictor and the alligator, while many lovely birds not found elsewhere, inhabit the country. The turtles and the porpoises reach astonishing sizes, and immense herds of cattle are roaming about, probably representing very large values of money. Large numbers are yearly rounded up and caught by the lasso and killed for the sake of the horns or the skin as the meat has no commercial value.

In spite of these natural advantages, Brazil is one of the largest importers of foreign made articles of manufacture. Agriculture is, however, the chief industry, and some day its expansion will assume colossal proportions and call for the capitalists of the world who may be relied on to invest money. Capital will be forthcoming when investments can be made without risk through political disturbances, but Brazilian statesmen have already proved themselves capable of taking a long view, and politically this country seems now on the highway leading to peaceful expansion in every direction.

The Brazilian people are very mixed, consisting of the white descendants of Europeans. Indians who are the real natives, cross bred people born of Indians and whites, pure negroes and mulattoes. Perhaps nearly one sixth of the total population consists of negroes whose forbears not so very long ago were slaves, as only in the year 1871 slavery was abolished.

Brazil was discovered in 1500 by Vicente Pinzon, in which year the country was formally taken into possession by the Portuguese Pedro Cabral on behalf of the Portuguese King. The first settlement, at Rio

de Janeiro, was founded in 1567. Then followed a period during which colonisers from Holland took possession of the country, but ultimately the Portuguese held was complete. For a short period Brazil was a monarchy, but in 1889 a Republic was declared since when no other power has disputed her rights as a sovereign State.

Until quite recently the Governments of Brazil seemed content to leave the development of agriculture and live stock breeding to take its own course, and little or no organised efforts were made towards raising these industries to a higher level. However, after several members of Parliament had repeatedly brought matters of interest bearing upon farming, dairying and live stock breeding under the notice of the Government, it became evident that the first and unavoidable measure to be taken towards making the Brazilian nation self supporting was the collection of statistics and similar material. A "Servico do Industria Pastoral"—or Live Stock Industry Service—was created, and the Veterinary Department of the Agricultural Ministry commenced collecting figures and facts relating to stock breeding in the Amazon Basin, where now there are more than 50,000 head of pure-bred dairy cattle, rapidly increasing. The questions of organising live stock breeding, production of butter, and developing the milk yield in the dairy cattle were subjected to careful examination and investigations, and interesting reports were issued on the actual and possible economical development of Brazil—"Aspectos Economicos do Brazil." During the years 1921-1923 at the instance of the Higher Council of Industry and Commerce, much informative material was collected and disseminated as a result of which special Departments were established under the Department of Agriculture to deal with such matters as the production of coffee and cocoa, the exploiting of forests and the timber trade, organising agricultural animal feeding, the dairy industry, the organisation of milk distribution in the towns etc. Furthermore, measures were taken to ascertain whether the indigenous cattle races in Brazil can be graded up for higher milk yield and fattening, a closer study of the valuable European and North American live stock breeds led to importations of a number of stud animals. One of the largest stock breeders in the State of Minas Geraes went to India to study her various cattle breeds and brought back numbers of Buffaloes which surprisingly rapidly

acclimatised and increased. The crossing of the Buffalo bulls on the native cows has proved most successful, and the milk yield from these crosses has increased while the fat percentage has risen.

Brazil's dairy industry received a powerful impetus through Government grants of financial assistance to breeders and similarly interested people in such districts where the production of milk might be encouraged and local consumption stimulated. A great number of well-constructed dairies sprang up in various States, and the industry is continuously extending and expanding. A number of cheese factories have been organised, while during the last five years several factories for the production of condensed milk and milk-sugar have cropped up. The State of Minas and several others now handle huge quantities of these dairy products. In the State of Rio de Janeiro the expansion of the dairy industry has promoted and developed better cattle breeding, and here alone are more than 650,000 milking cows. Consumption here, however, as in many other States, far outstrips production.

Pig breeding in Brazil to-day represents very large capital, and the consumption of pork is increasing in the towns from year to year. As regards the most suitable breeds for the hot climate of Brazil, experience has demonstrated that the white skinned pigs cannot withstand the intensive sun glare and that such black breeds as the Berkshire, the Large Black and the Poland China thrive well. It is beyond doubt that Brazil is forging ahead as a pig breeder, and in a few years she will very likely outstrip all other countries in the production of pork. It is also possible that by degrees a huge bacon industry may be the logical development of a combined dairy and pig industry.

As regards sheep breeding although a very hot climate is not generally conducive to successful sheep breeding such is nevertheless carried on with conspicuous success in various parts of the country, but chiefly in the State of Rio Grande do Sul, i.e., in the southern part. The flocks here are increasing from year to year, as the new woollen goods industries can absorb all wool produced, and as for mutton, this seems to appeal to the Brazilian palate. The breeding of the native horse is likewise much encouraged, and Brazil's small sized but compact and extremely hardy breed is preferred to any other for any work required. Thoroughbred horses for luxury use are always in demand if of British and French origin.

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Notes on Livestock in Brazil.

By F RUFFIER São Paulo

The third largest country in the world, with 1,350,000 square miles of native grazing lands mostly on high plateaux, fairly temperate, herds of about 40,000,000 cattle—third largest in the world—20,000,000 pigs, 8,000,000 sheep and 6,000,000 horses, and all this without much attention or care from man are bare facts which proclaim to the world that Brazil is already in fact, and still more so potentially, one of the greatest live-stock countries.

While every day one hears of Argentine beef, New Zealand lambs, Australian wool, Danish bacon, and so forth, who ever hears a mention made of Brazilian livestock products?

The reasons of this ignorance of things Brazilian in the live stock line are many, and it would take a large volume of close print to consider them all, even in a superficial way. A few points, however, may with advantage be brought to the attention of British raisers of Pedigree breeding stock.

It should first of all be noted that British ignorance of Brazilian live stock activities is due in great part to the fact that the existing large herds of Brazil owe nothing, or practically nothing, to British breeds. While the whole of North America is stocked with descendants of British breeds—Shorthorn, Herefords, Polled Angus, Jerseys, Shropshires, Southdowns, Coach horses, Thoroughbreds—while the fabulous progress of the River Plate is mostly due to the now seventy-year old pioneer work of Scottish, English and Irish stockmen, while Australia and New Zealand owe their fortunes to British stock breeders and raisers here in Brazil no such thing happened.

Geographical and political reasons prevented it. Geographical, because Brazil is mostly an Upland 1,500—2,000 ft. above sea level, limited by mountains rising sharply out of the Ocean and forming an effective barrier against easy penetration of the "Hinterland," a condition still aggravated by the fact that, on an extensive coast line of some 5,000 miles, practically no navigable river opens out on the Atlantic, all the water courses of the country flowing at first inland to be finally deflected north or south into the Amazon or the River Plate. And the immense grazing lands of Brazil are on the whole located in the far west of the country, 1,000 miles or more from the coast, with no other means of communication but the beaten "mule tracks" in the endless wilderness. Cattle could thrive on those immense and fertile plains but under the frightfully hot tropical climate it was impossible to

trail them to the coast through endless virgin forest, across mile-wide rivers, in the face of great difficulties. Therefore, the few cattle that were originally introduced in the early XVIth century by the Portuguese colonists, and those that drifted up from the Spanish settlements on the River Plate, bred and multiplied until they ran into the millions, of no commercial value, however, but for their skins, that were shipped down to the River Plate. These conditions prevailed until the Great War, and it was only then that the World, looking around for supplies, cast its eyes on the Brazilian herds and paid high enough prices to overcome the expenses of bringing the cattle to the seaboard.

Politically also, conditions for a long time were not very favourable to British settlement. Under the old Portuguese colonial system most of the lands distributed by the Crown among its favourites were held in enormous blocks on which the foreigner could not settle, and if he did find some property he could purchase, he found himself blocked on all sides.

Things are changed now, and many are the ranches and stock farms owned and managed by foreigners in Brazil. But economic and climatic conditions do not change much, and the life of the stockman in these parts is not an easy one if he wishes to depart from the surrounding routine. Distances are still enormous from the big open ranges to the coast markets, and transportation expenses whether afoot or by rail, losses on the way, Interstate tariffs, municipal levies, Federal dues, State taxes and export duties eat up much of the expected profit.

Paradoxically, the extremely favourable climatic conditions of the Brazilian Hinterland are to a great extent and indirectly, adverse to improved stock raising. The general climate of the central uplands of Brazil may be described as moderately hot, with an abundant rainfall, therefore most favourable to the growth of grass and to the life of stock of all kind. And as a matter of fact, there are few countries where native live stock are so free of disease and so readily find, all the year round, an abundance of water. Unfortunately these very conditions favour also the multiplication of pests and parasites internal and external, and the extraordinary abundance of worms (stomach and intestinal), flies, gnats, mosquitoes, maggots, ticks, and other parasites make things very hard, practically unendurable for imported stock. Some of these troubles can be taken care of by means of dipping vats, and the Government of Brazil have been and are still

very solicitous in granting substantial money premiums to stockmen who instal such vats on their ranches

Ticks introduce into the system of ruminant stock—cattle, sheep, etc.—a special disease—tick fever or Piroplasmosis due to a parasite which settles in the blood and destroys the red cells. Native cattle are more or less immune but all imported stock is extremely susceptible and until recent discoveries died in the proportion of about 90 to 95 within one or two months of landing. Treatments which seem to promise a decisive victory over this until now baffling disease are however being studied and tried. These difficulties of course have somewhat disheartened stock breeders in their efforts to turn the Scrub into a better type animal. On the other hand Indian breeds have given to the offspring of crosses remarkable qualities of quick growth, hardiness and resistance to practically all diseases. Complaints however arose from packing plants of a difference of type in the beef so produced from the standards accepted on most markets.

The final solution seems to be in the now extensively practised habit in Southwestern Texas in the United States to breed for type to good European breeds and inject occasionally a small dose of Indian blood for stamina. In this way the stockman derives all the benefits of hardiness and resistance of the Indian blood and the butcher all the advantages of heavy well balanced carcasses of high quality meat and very small bone.

It will be seen then that in an immense country of mild climate, generous pastures and abundant water, boasting a natural and mostly unimproved herd of some 40,000,000 cattle, there is room for British breeds to come to the fore and contribute to the general improvement of this immense chattel.

Caution however must be exercised fine breeds must be submitted to a previous treatment against certain tropical diseases and intelligent blending of breeds must be resorted to in order to obtain maximum hardiness and resistance to certain local adverse circumstances.

Also the importation of breeds into Brazil must not be indiscriminate. Experience has proved that with the exception of the rather cool regions of the extreme South, Durham cattle do not fare well in Brazil. Black coated cattle (Aberdeen Angus) seem to be especially relished by external pests, particularly ticks and blow worms. Long or curly haired cattle suffer the same annoyance and none but sleek short haired animals should be sent the best colours being light reds and duns. Herefords and Devons are perhaps the best British beef breeds for Brazil but in the case

of the Herefords special attention must be paid to choosing only animals with ringed eyes i.e. having a substantial ring of dark pigment round the eyes. In all animals not so protected against the powerful sun rays inflammation sets in, canker develops and the animal goes blind.

There are many other points of great importance to be considered—most suitable age for the stock to come to Brazil, best time of the year in which to ship, etc. which it would take too long to go into here but which show that any attempt at opening a regular market in Brazil must not be left to haphazard methods but must rely upon well planned and practical organizations.

There is a good market for Pedigree dairy cattle and as they are generally kept in barns or at any rate given some sort of care, their introduction is not fraught with the same complications as that of the range cattle. The great bulk of such importation is of Dutch or Friesian cattle. There are also several amateurs of Jersey, Flemish and Normandy cattle.

Some years ago there was a big boost up in the pig raising business promoted mostly by the packing plants. There resulted a rather active importation of improved breeding stock, mostly Duroc, Jersey, Poland, China and Large Blacks. With the exception of the latter, no British breed seems to have made any headway in Brazil. No white breed anyhow should be sent to this country, their unprotected skin being unable to resist the powerful tropical sun. Tamworths are too lean for the Brazilian taste. Berkshires could do well if properly pushed. It must be said that the Brazilian market demands pigs carrying lots of pure lard, not intermingled with meat as is required for bacon. British breeds as a rule do not answer this requisite.

Sheep as a business are raised only in the extreme southern State of Rio Grande do Sul. The breeds most in favour are the Romney Marsh, the Lincoln and the Black faces, especially Oxfords and Shropshires. Most of the high quality breeding stock imported into those parts comes across the border from Uruguay where sheep raising has reached a high degree of perfection.

Draught horses are not used to any extent in Brazil, all hauling being done by mules or by motor. For fancy riding (not much practiced outside Rio de Janeiro and São Paulo) cross breeds descending from race horses are generally used. For service the small but extremely tough native horse is admittedly satisfactory. The only imports of horses that amount to anything are Thoroughbred race horses. They must be of either British or French origin. There is also a good demand for Thoroughbred fillies for breeding purposes.

Os Editores

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registam todos os mais conhecidos Criadores de Gado de Raça para Fins Agrícolas em todas as partes civilizadas do Mundo e assim se acham de posse de factos preciosos e respeito de Nomes e Moradas de Criadores de gado e dos animais que criam. A qualquer pedido de informações que nos sejam feitas pelos Criadores a respeito de das possibilidades para as vendas, preços, mercados, transporte adaptado de animais aos vários climas locais de fornecimento etc. respondemos pela volta do correio gratuitamente.

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BRAZIL.

Livestock Breeding in Chile.

The last Live Stock Census estimates the live stock at 1 998 000 head of cattle, 4 602 000 sheep, 265 000 pigs, and 328,000 horses

In this country every possible variety of climate is found, from tropical heat in the perpetually rainless region of Atacama to the perpetual winter in the south at Cape Horn. There are mountains towering far above the snowline, and there are valleys where the tropical heat is sometimes unbearable. In parts the climate is excessively wet, while in other parts excessively dry. In the central valley where the temperature rarely rises above 76—78 deg and never falls below the freezing point, the climate is beautiful and live stock rearing is here expanding from year to year. Chiefly in the north where crops of Alfalfa are abundant, live stock rearing is a highly paying occupation and stock is exported to other parts of the country and abroad. It is a curious fact about Chile that there are no fish in the rivers and no venomous reptiles are anywhere to be found. The country is immensely rich in minerals. While Chile to day is one of the most prosperous of all the South American countries it is certainly also one of the most favoured in regard to natural resources. The Chileans are very enterprising, highly intelligent, constantly developing their country and its resources and as for live stock breeding it is probable that it may become one of the largest sheep

raising countries on the South American continent. Railway construction is constantly extended for the good of live stock raising which, with agriculture, are the main pursuits of the people. The population consists of the dominant class of pure Spanish descent, and of Indians and the Mestizos. In one respect Chile is remarkable—for its many daily and weekly newspapers, such being published in great numbers in every town. In the southern part of Chile the population consists of Araucanian Indians, one of the most interesting races on the American continent remarkable for their time honoured hospitality, courtesy, and humanity shown towards enemies when vanquished. These Indians are considered to be excellent agriculturists and successful live stock breeders. The district inhabited by this remarkable race is comprised of the Provinces of Arauco and Valdivia stretching between the Andes mountains and the Pacific Ocean through which the river Biobio runs. The fertility of the soil is very great and all the live stock reared here is of remarkable size and good qualities. Among the indigenous live stock of Chile, the vicuña and the guanaco should be specially mentioned.

Prominent Breeders.

Agricultura. Director General de Quinta Normal

Antal: Rafael Quiñota
Badi: Roberto (u) lico
Bebey: Menéndez Punta Arenas
Bosque: Elvador (a) la Las Cisternas
Cla: Agrícola de San Vicente Los Andes
Cla: Iph: tadora de Tierra del Fuego Punta Arenas
Cradeto: L: erra da Rosario
Cradeto: Santa Amelia Coque
Cradeto: Serenales: L: L: erto to San Bernardo
Cradeto: Juan de Crateros
Donoso: Ju: o San Bernardo
Dunale: y (a) Puerto Sáavedra
Erratur: I: uenta nra Graneros
Erratur: I: Javier Llal Llal
Harrota: Cla: abu n Colina

Lincoln Red Shortborn
Pigs Sheep
Sheep
Pigs Sheep
Duro Jersey
Berkshire
Sheep
Percheron Horses
Normandy Cattle
Shorthorn Cattle
Percheron Horses
Pigs Sheep
Shorthorn Cattle
Friesian Cattle
Percheron Horses
Sheep

Hu dobro: José J. Chagres
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Muj: ca: Osácar Cunaco
Perez: Rafael Gómez Hermanos Huapi Monte
Agulla: via Los Lagos

Prat: Arturo Gu ndos
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Sociedad Ganadera de Osorno Osorno
Sociedad Nacional de Agricultura Agustinas Sant ago
Soc: edad del Sur Concepc on
Sucesos: on José Luis Co: I: uente Alto
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Tocornal Domingo San Bernardo
Vasqu: I: I: oreno o Osorno
Werner Carlos Llal Llal
Zanelli y Atocar La Granja

Friesian Cattle
Normandy Cattle
Percheron Horses
Pigs Sheep

Shorthorn Cattle
Sheep
Friesian Cattle

Sheep
Red Lincoln Shorthorn
Friesian Cattle

Livestock Breeding in Colombia.

The Live Stock estimate for Colombia states cattle 6 505 000, sheep 810 000, pigs 1 410 000, horses 985 000

In this beautiful a masked country occupying the north western most position of the South American continent natural conditions favourable for a pros-

perous live stock industry exist but have scarcely yet been observed by live stock men. Only lately have serious attempts been made to improve the existing

indigenous stock, chiefly on the part of American stock men and without exaggeration it might be stated that within the next ten to fifteen years Colombia will follow the example set by Argentina and Uruguay in regard to developing the live stock industry through improved methods in breeding.

The Republic is divided into eight very large Departments—Antioquia Bolívar Boyaca Cauca Cundinamarca Magdalena Santander and Tolima. The population is now nearly 6 600 000 of which a number are Indians. As regards the nature of the land a great part consists of *savannas* and the other parts of highlands and plateau land in the central and western parts. The country is traversed by large rivers chief among which is the Magdalena river the Cauca river and the Atrato. Commercially and geographically the Magdalena river is the most important as it winds its way over 1 000 miles and is navigable for nearly 840 miles. Colombia is singularly devoid of lakes a circumstance that probably has much to do with the climate. This is variable according to the elevation. While the lowland and coastal regions are very hot the temperature in the plateau land is salubrious and very pleasant. The mineral resources of the country probably not yet adequately tapped are estimated to be enormous and the forests hold an abundance of valuable timber. Coffee sugar cane bananas bamboo balsam wheat maize and barley constitute the main crops while rice cotton and indigo grow abundantly. So far only a very small portion of the country has been cultivated. The forests abound in wild animals. The railway construction has so far not amounted to very much but several plans are afoot for extending the existing main lines. Trade with foreign countries is chiefly carried on at Santa Marta Sabana Cartagena Barranquilla and Buena Ventura increasing every year in volume and value. White settlers increase in number from year to year as and when the resources of the Republic are being tapped. Commercially Colombia is bound to play a very important role as speaking generally it is one of the richest countries in the world. Its history was somewhat chequered until in the year 1810 the inhabitants threw off the Spanish yoke and a few years afterwards formed the Republic which to commence with included New Granada and Venezuela.

The Colombian Government are doing much to encourage agriculture and live stock breeding and a number of eminently practical laws and regulations have been issued with a view of assisting the proficient stock breeders to import Stud animals of Pedigree strains and to help the average cattle breeder to rear cattle for the recently started meat packing industry. Thus the Department of Agriculture is lending capital on very generous terms to all who prove their serious intention of taking up live stock breeding on lines adopted by the Department and one third of the purchasing price of imported Pedigree animals is paid by the Department while the cost of transport into the interior insurance and general out of pocket

expenses can be covered on application to the Government—indeed generous terms almost without parallel in any other country. According to Regulation No 73 every year a sum of money is set aside by the Government to defray the cost of imports of Pedigree stud animals sold at public auctions where they can be acquired on long term conditions by acknowledged breeders. A number of agricultural fairs and live stock shows under Government auspices now take place every year the idea being to demonstrate to the smaller farmers the difference between their own native live stock and the imported Stud animals. The meat canning industry seems to make progress and so far the output is entirely consumed locally as the Colombians are noted meat consumers. When transport facilities can be extended to outlying districts undoubtedly on the stupendous stretches of Llanos where grazing is always abundant and the water supply as a rule adequate great numbers of cattle and sheep will find never ceasing and plentiful grazing. In the vast plains of the Orinoco water shed where now over 250 000 square miles of splendid cattle land lie unused land is obtainable on the most generous terms and in the Sinu River district very large stretches of most fertile land as yet scarcely tapped are likewise obtainable. Along the Casanare river in the Cauca Valley profitable cattle raising has existed for many years and magnificent cattle ranges can here be found in very great numbers. Herds of from 2 000 to 5 000 head are often owned even by small farmers. As live stock breeding will remain the mainstay of the country and probably the chief source of income for the individual investor of capital Colombia possesses great national wealth so far scarcely touched. As the Republic develops her already prosperous meat canning industry surplus will easily find markets in the neighbouring countries. In many districts where Short horn Hereford and Aberdeen Angus bulls have for a number of years been crossed with the native cattle remarkable stock improvement is in evidence and the higher prices obtained by the cattle men for the cross products have undoubtedly contributed largely to open the eyes to the importance of better methods in breeding. What has been stated about cattle breeding applies to the breeding of sheep and pigs and great possibilities exist for breeding these two domestic animals. Until recently agricultural land was never fenced in but in many districts and chiefly in the Department of Antioquia farmers have now taken up fencing and this seems to have led to better care of the soil and extended use of modern machinery and tools.

Although the official live stock census estimates the domestic animals as stated above experts such as American live stock men who have traversed the Republic in every direction are confident that the existing stock is very much larger than the official returns. When the opportunities now offered by the Republic become better known and appreciated farmers can be relied on for investment in the industry.

Prominent Breeders and Breed Societies.

Abella Manuel José	Sogamoso	Dep Boyacá	Palma Santos	Hacienda Asturias	Dep del Tolima
Ancitar Enrique	Hacienda Australa	Dep Cundinamarca	Ramirez José María	La Regadera Bogotá	Dep Cundinamarca
Caldere Jorge y Albert	Sogamoso	Dep Boyacá	Reina Adriano	Sogamoso	Dep Boyacá
Cámara de Agricultura del Valle	Cali	Dep Boyacá	Restrepo, Ruperto	Hacienda Sociego Mosquera	Dep Cundinamarca
Cub de Lucardo	Carrera No 822a	Hogotá	Reyes Fernando	Sogamoso	Dep Boyacá
Cubillos y Cia	Potrero Grande Soacha	Dep Cundinamarca	Reyes Mario y Daniel	Sogamoso	Dep Boyacá
Diaz Ramón	Sogamoso	Dep Boyacá	Santamaría M J Osorio de	Carrera 10 No 133	Hogotá
Durán L. Cuellar	Carrera 15 No 209	Hogotá	Santamaría Mariana	San Mateo Puna	Dep Cundinamarca
Escuela de Agricultura del Cauca	Opayan	Dep Boyacá	Sociedad de Agricultores de Antioquia	Medellin	Medellin
Escuela Nacional de Agronomía	Hogotá	Dep Boyacá	Sociedad de Agricultores del Atlántico	Barraquilla	Barraquilla
Escuela de Agricultura	Medellin	Dep Boyacá	Sociedad de Agricultores de Caldas	Manizales	Manizales
Escuela de Agricultura de Los Ladres Salesano	Ibague	Hogotá	Sociedad de Agricultores Calle 14 de Colombia	Hogotá	Hogotá
Escuela Nacional de Veterinaria	Hogotá	Dep Cundinamarca	Union Cafetera de Antioquia	Medellin	Medellin
Holguin Ricardo	Calle 1º No 87	Dep Cundinamarca	Union Cafetera de Santander	Bucaramanga	Bucaramanga
Lacerna y Cia	Potrerillo Girardot	Dep Boyacá	Unbe Holguin Miguel	Hacienda Usatama Fusagasuga	Dep Cundinamarca
Neceno Ramón	Sogamoso	Dep Cundinamarca			
Otero Francisco	Carrera 0 No 268	Dep Cundinamarca			
	Hogotá				

Farmers and Breeders.

[illegible]

FARMERS AND BREEDERS (contd)

[illegible]

Livestock Breeding in Costa Rica.

The Live Stock estimate states cattle 437,000, pigs 77 000, horses 104 000 The number of sheep is unknown

This Republic is still in a very backward state chiefly owing to slack or incompetent government, but it is a country where the natural resources hold promise of development in the future. Earthquakes are very frequent and probably no town in the Republic has escaped from such. It is chiefly on its mineral wealth that Costa Rica depends for her revenue, but as the climate is temperate with no extremes of heat and cold, and the soil wonderfully fertile it is as an agricultural country that it can best develop. Costa Rica is one of the most beautiful countries on the American continent to a great extent covered by magnificent forests full of valuable timber such as mahogany, ebony, cedar, oak myrtle etc. Cacao coffee, tobacco sugar and wheat besides bananas, are the chief agricultural crops, and as a coffee producer Costa Rica ranks among the foremost countries. There is a number of well conducted plantations where large herds of cattle are reared, and on the

reported pig rearing seems to attract more attention of late. In the valleys between the mountains grazing is abundant and very good horses are bred in many places. In the district round about San José at an elevation of 3 650 feet the interest in live stock breeding seems to be general and a number of breeders would be willing to acquire stud animals of Pedigree strains, provided propaganda on the part of live stock men could be effected. The Government are also interested in improving the existing live stock through the import of Pedigree animals and interested parties should be advised to correspond with the Department for Live Stock Breeding San José, the capital. Costa Rica is geographically divided into five Provinces and the government is vested in a Chief Executive who is assisted by four Ministers. The national legislation is exercised by a House of Representatives to which every 8 000 of the population send one

Haciendas—of which almost every one consists of many square miles of land, while large numbers of cattle, sheep, pigs and horses could easily be maintained. It is a sad fact that farming in Ecuador, as it is now carried on, is very wasteful, very neglected. The number of prominent live stock breeders here

is, however, sufficient evidence of the awakening interest for improved live stock breeding, and it is probably only a matter of time when Ecuador will discard the old fashioned methods in breeding and the "scrub" give way to breeding through selection.

Prominent Breeders.

Albornoz, Miguel Angel, Quito
Arroyo, Cipriano Esmeraldas
Buttar, John S., Quito
Barba, Alfonso, Quito
Bolaña, J. Francisco Guayaquil
Chiribosa, Clementina, de Lasso Quito
Coucha, Gastón S., Esmeraldas
Crouet, C. Obdulio, Guayaquil
Espinoza, Juan Quito
Escudero, Alfredo Quito
Eastman Cox, Victor, Quito
Espinoza Jarrin, Jose, Cayambe
Estupifan, Federico Esmeraldas
Estupifan, Julio, Esmeraldas
Chanange, L. Gustavo, Guayaquil
Fernandez Salvador, Ricardo, Quito
Fernandez Salvador, Alfredo, Quito
Freile Zalumbide Carlos Quito
Estado Mayor del Ejercito, Quito
Gómez Astolfo Guayaquil
González Rubio, F., Guayaquil
Holguin, Antonio Jose, Quito
Icaza Lempiol Guayaquil

Shropshire Sheep
Zebú Durham Cattle
Shorthorn
Shropshire Sheep
Shropshire "
Criollo Cattle
Criollo Sheep
Criollo Horses
Durham Cattle
Shropshire Sheep
Durham Cattle
Durham
Holstein
Shorthorn "
Durham
Criollo Horses
Angus Durham Cattle
Criollo Pigs
Angus Durham Cattle
Zebú Holstein
Holstein "
Holstein "
Normandy
Flemish
Criollo Horses
Criollo Cattle
Criollo Pigs
Criollo Horses
Holstein Cattle
Criollo Pigs
Percheron Horses
Holstein Cattle
Criollo Cattle

Insúa, Ramón, Babahoyo
Icaza de, Petra B., Babahoyo

Jarrin, Aquiles, Cayambe
Jara, Pompilio, Machala
Lasso, Juan Manuel, Quito

Mantilla, César, Quito
Marquez V., Jorge, Guayaquil
Orantia Luis Guayaquil
Olivera & Co. M. M., Babahoyo
Quintero, Miguel Esmeraldas
Riforio, Rodolfo, Quito
Rufoño, Carlos Quito
Rolando Ch., Tomás Guayaquil
Rosales de, Josefina Guayaquil

Riva Jeneira Nicolás Guayaquil
Ruiz S., Atanasio Babahoyo
Rosales, Agustín Ibarra
Rosales, Eusebio Ibarra
Samaniego, Carlos Ambato
Sevilla, Francisco Ambato
Santistevan de, V., Guayaquil

Uribe, Francisco, Quito

Viteri, Octavio, Babahoyo
Wagner Jorge, Guayaquil
Zalumbide Rafael Quito

Criollo Cattle
Criollo "
Criollo Pigs
Holstein Cattle
Criollo Horses
Red Polled Cattle
Romney Marsh Sheep
Large Bla k and
Poland China Pies
Criollo Horses
Soles
Criollo Cattle
Holstein "
Durham "
Holstein "
Shropshire Sheep
Holstein Cattle
Criollo "
Holstein Cattle
Italian "
Holstein "
Holstein "
Criollo
Shropshire Sheep
Criollo Cattle
Criollo Pigs
Criollo Horses
Durham Cattle
Shropshire Sheep
Durham Angus Cattle
Criollo "
Holstein "
Criollo Horses

Livestock Breeding in Guatemala.

The Live Stock estimate for Guatemala states . cattle 262,000, sheep 102,000, pigs 53,000, horses 55,000.

The "Asociación General de Agricultores," Calle Oriente, 1, Guatemala City, is an Association of the more prominent live stock breeders and agriculturists in this Republic, through which imports of Pedigree live stock into Guatemala are arranged. A number of bulls are being imported every year from Spain for the annual Bull Fights, a national institution almost indispensable, while the number of Pedigree stud animals imported for breeding purposes is increasing. The United States of America is so far the chief supplier, having during the last two years exported 459 head of Stud horses, cattle, sheep and pigs, to the total value of about \$44,000. Sheep breeding in Guatemala is lately enjoying considerable attention through the Department for Agriculture and stock breeding, caused by the visible changes to the good which have been achieved during the last five years through a number of imported rams, supplied by breeders in the United States, and the native breeders commence to realise that increased wool production and larger carcasses bring better income than coarse wool and bad meat from the native sheep. Propaganda

with a view of drawing the Guatemala breeders' attention to the value of organised live stock breeding would probably lead to business in Stock for those who may be interested in taking up this field. Sheep breeding is chiefly carried on in the "Altos," the very high parts of the country where the temperature is cool and pleasant. These sheep are reared for their wool from which the natives make a coarse twilled fabric known under the name of Gerga, sold to cloth makers who turn it into plaids and other articles of clothing, the plaid being a most important garment, and used like the Scotsman's shawl, as a substitute for a coat. Quite large quantities of these "Panchos" are required every year and this, of course, is bearing upon the wool industry.

Cattle breeding is also given more attention, and the Association of Agriculturists—farmers and breeders—arranges for local Shows held in various parts of the country where the native breeder can see for himself how modern machinery and first class breed animals differ from what he is accustomed to. Guatemala holds undoubtedly a future in sheep breeding

and pig rearing, but the country is only just emerging from its obscure past, now fully conscious of the importance it might play in the future. Railway construction is lagging behind, preventing the population in many parts of the country from moving about. Coffee is the chief agricultural crop, but tobacco and indigo, and in some parts of the country cocoa, are extensively cultivated. Fully 71% of the total of exportable articles are absorbed by Germany. The population is probably about 2 000 000 and of these 65% are pure Indians. The principal ports are San José, Champerico and Ocos on the Pacific side, and Livingston and Puerto Barrios are the main ports on the Atlantic side. The capital, Guatemala la Nueva, a steadily expanding town, with beautiful parks and buildings, etc., is in the interior. Here the trade of the Republic is centered, and any movement in favour of extending or improving the breeding of live stock would have to meet the acquiescence of the politicians as in Guatemala everybody who really counts as somebody, is in for politics. The soil is generally most fertile, and would yield many times more than at present if the art of farming was more seriously pursued. Guatemala is a remarkably beautiful country, with a very intelligent people, although inclined to take life somewhat too easily. In the lake districts the climate is often depressing but in the Tableland it is mild and salubrious, and always agreeable and the native live stock reared in these districts testify to the fact that soil and conditions are very favourable for domestic live stock breeding. Owing to its proximity to Yucatan, the influx from Mexico of breed animals is at times quite perceptible. The drawback in this beautiful country is the frequently occurring earthquakes. Live stock breeders, interested in the possibilities of opening up trading with Guatemala, can obtain information concerning live stock etc. by communica-

ting with the Secretary, Asociación General de Agricultores, Calle Oriente, 1, Guatemala City.

The Association publish an Agricultural Bulletin in which from time to time interesting statements are made in regard to farming and live stock breeding. Some years ago at a Live Stock Show held in Guatemala City the exhibits in the Class for Dairy animals were quite remarkable and certainly illustrated that milking cattle are now bred in the country quite comparable with such in many other countries. Through the importation from time to time of Shorthorn bulls several herds have been greatly improved, and the butchers pay much higher prices for animals on hoof from such herds, the meat being marketed as "Durham" meat. Among the dairy cattle strains preference seems to be given the Black-White Friesians, in this country called Holstein cattle, and in various parts where the breeders have opportunities of supplying milk to a town, quite good Shorthorn herds are maintained. In the district near Guatemala City, Guernsey and Ayrshire cattle are very frequent. It is stated on good authority that the native cattle Criolla, are everywhere assuming larger size, better appearance and yielding a larger quantity of milk through the influx of blood from these now mentioned breeds. An article of trade of some importance skimmed milk, is largely consumed and it is generally held that the milk skimmed from Jersey cows is of a better quality than other breeds. The consumption of dairy products is on the increase as the demand for better butter and cheese is now more general, and the Department of Agriculture hold that Guatemala may develop as a dairy product country. Large quantities of imported condensed milk and powder testify, however, that the home production is not keeping pace with the consumption.

~ Livestock Breeding in The Guianas.

The Live Stock estimate for the 3 Guianas states

	British	French	Dutch
Cattle	145 000	7 000	18 000
Sheep	31 000	300	350
Pigs	17 500	8 000	6 500
Horses	2 200	600	200

In the Territories known as 'British Guiana,' 'Guyane Française' and 'Dutch Guiana'—or, as the Dutch call this Colony, Surinam, the breeding of cattle, now a not inconsiderable pursuit could be very greatly extended as these three Colonies only divided from each other through light boundaries hold very vast lands of wonderful pastures. Especially

is this the case in the British territory where on the extensive *savannas* very large herds of cattle are bred, the value of which however, is very questionable owing to lack of railway communication roads, and transport facilities for bringing live stock down to the coast. Speaking in a wider sense, the Guiana lands really include a considerable portion of Venezuela, and that part of Brazil which lies north of the Amazon and the Rio Negro Rivers. The climate is very humid but not unhealthy, and the temperature is always high. Everywhere, all over the three territories, the soil is remarkably fertile. As regards the British territory, it is almost entirely unexplored. In

Livestock Breeding in Nicaragua.

The Live Stock estimate for Nicaragua states cattle 1,210,000, sheep —, pigs 13 000, horses 31,000

With only a very small white population, the majority being Indians, Negroes and Mulattoes, and grazing land not particularly abundant, it is understandable that Nicaragua has almost no sheep breeding industry and comparatively very few pigs. As regards cattle breeding, however, this branch of farming has developed very rapidly during the last twenty years and the last census of live stock estimates the number of head at 1,210,000. The horse stock is over 30,000. The indigenous cattle breed is unlike the cattle in the neighbouring countries and may probably have originally been brought to the country through Spanish settlers. A number of American bulls which have been imported from time to time have proved suitable for crossing and probably a grading-up movement if encouraged by the Department of Agriculture and Live Stock Breeding, with suitable propaganda among the native live stock breeders, would result

in discarding a number of "Criollo" bulls. The milking propensities of the native breed are, however, quite good, and the milk rich in fat. These cattle are very slow-fattening and the absence of good meat all over Nicaragua is a drawback that the visitor cannot help commenting upon. Nicaragua is a country of some size, the area comprising 50 000 square miles separated from Salvador by the Gulf of Fonseca on the Pacific side. Generally speaking, the climate is healthy and the rainfall even in the wet season not excessive. Coffee, tobacco, cacao and bananas grow abundantly, and in recent years the export of the banana fruit has placed all other crops in the background, the American steamship communication with Nicaragua for regular importations of bananas bringing much wealth into the country. The chief towns are Managua, Leon, Matagalpa and Granada. The population has not reached one million yet.

Livestock Breeding in Panama.

The small population in this Republic, so far not even reaching the half million, and the lack of interest for live stock breeding and farming, together with the enormous heat during the greater part of the year, militate against the development of the country as a stock raiser, but it is likely that cattle breeding would prove a remunerative occupation in view of the every year increasing number of vessels passing through the country by means of the Panama Canal. Some time ago a live stock census was effected according to which the cattle stock has sunk below the 200 000 head at which it was estimated in 1925, and the pig stock is now in the neighbourhood of 31 000 while the number of horses is scarcely more than 15 000. The insignificance of Panama from the live stock breeding point of view is therefore, obvious.

The total area of the country is 31,700 square miles. Once upon a time one of the most unhealthy countries of the earth, it is to-day, thanks to the Americans building the Canal and extermination of mosquitoes, quite a healthy country where the soil is extremely fertile and all the usual tropical plants grow in luxuriance such as coffee tobacco, cocoa indigo sugar cane and vanilla. Although the country is chiefly mountainous at least 25% of the total area consists of grazing land and land suitable for arable farming. The number of rivers traversing the country in all directions is considerable, the Chagres and the Bayano rivers being the most important. The climate is dry from the end of January to early in April, when the wet season sets in and continues for the rest of the year. From one point of view the country is remarkable—the entire absence of roads.

Livestock Breeding in Paraguay.

According to the latest Live Stock census, the stock consists of 5 517,000 head of cattle, 601 000 sheep, 85 000 pigs and 493 000 horses.

It has long been held that the excessively hot country of Paraguay makes extensive breeding of valuable live stock more or less impossible, but results obtained during the last ten years have sufficiently proved that this is not the case. Indeed, Paraguay is really remarkable for its salubrity, and as the soil is of wonderful fertility everywhere and the vegetation rich in the extreme, previous drawbacks in live stock breeding must be ascribed to neglect on the part of breeders and owners.

Among the various agricultural crops which in this country grow abundantly, tobacco and tea are now world renowned. The tea is obtained from an ever-green plant, Yerba Mate, and sugar cane, cotton, rice and maize are cultivated all over the country. The vast stretches of pastures are remarkable for an almost endless extension, and cattle breeding has long been the chief occupation of the farmers, although it is only of late years that attention has been paid to the of improving the quality of the meat. Thus,

quite recently, the meat had no value at all and was often thrown away, the cattle being slaughtered for the sake of the tallow, the hides, skins and horns. Now, with a refrigerating industry springing up and developing by leaps and bounds, the value of the Paraguayan cattle is becoming more evident, and for practical purposes, live stock men in other countries may certainly look to Paraguay as a valuable field for their Stud animals. Such are now imported in increasing numbers from Uruguay and Argentina. It is remarkable that Paraguay has remained so long in a backward state of development, in view of the fact that civilisation among the Indians was introduced here earlier than in the neighbouring countries. As early as in the year 1528 the first steps were taken towards colonisation, and the capital, Asuncion, was founded in 1536. The influence to the good on the part of the Jesuits was felt early in the seventeenth century, and thanks to this influence, the country was almost pacified through the gentle persuasion of the Jesuit Brothers; but their success was only the forerunner of trouble, as in 1768 they were expelled, and in the year 1811 the Spanish

authority was thrown off. Later on a series of devastating wars against its neighbours, first Brazil, then Argentina and Uruguay brought disaster and ruin on the Republic, and only very slowly could the country recover and develop its natural resources. It is, on the whole, a splendid country whose well-being can only be developed through agricultural settlers, and as these are welcomed by the Government and all possible facilities are granted them, the influx from other countries is only a question of time. It is a country *par excellence* for the live stock man, and the tales of contagious diseases affecting the cattle stock, or poisonous insects making stock breeding impossible, are certainly tremendously exaggerated. As stated, the land is fertile and cheaply obtainable, and Paraguay could maintain twenty times the present stock. In the Agricultural High School at Asuncion excellent theoretical education in farming and live stock breeding is now obtainable, and the increasing number of pupils seems to demonstrate that the farmers of the country are awake to the need of modern methods in their occupation.

Prominent Breeders.

Allaro & Vargas, Pedro	Juan Caballero	Milled Elias	San Juan Nepomoceno
Benitez Nicolas	Caazapa	Mendoza Sinfaroso	Villarica
Bouti Hermanos	Concepcion	Mohr & Herun	Villarica
Caerres & Cia Jacinto	San Juan Bautista	Prado, Esteban	Caazapa
Canale, Jose	Calle Agudaban E Bu	Rios Hermanos	San Juan Bautista
	Air	Salazar Juan P	Misiones
	Caazapa	Santos Salumero	San Juan Bautista
Duarte, Simon	Vuty	Sociedad Ganadero del	Juan Caballero
Ferrer, Hermanos	Bs Air, Mont	Paraguay	Calle de yacuna
Ganadaria Franco Paraguaya	Libertad 140	Sociedad Nacional de	Constant
Ganadaria Sacaretto	San Pedro del Paraná	Agricultura	e/o Banco Agrícola del
Junis, Miguel	Villarica	Vicente Oddone & González	Paraguay
Mastrazzi & Ocampos			Yuty

Livestock Breeding in Peru.

The Live Stock estimate for Peru states: cattle 1,294,000, sheep 11,331,000, pigs 426,000, horses 193,000.

During the last ten years a number of agricultural Stud animals have been imported into Peru for the purpose of pure breeding, as the native cattle, pigs and sheep are scarcely worth grading up, although, as a point of fact, Peru was once upon a time one of the most prominent breeders of Merino sheep. Owing to a number of circumstances, the existing stock had degenerated to such a degree that the live weight seldom reached over 40 lbs, and the yield of wool 1-2 lbs. As for sheep, so for cattle. The indigenous cattle breeds—there are four different types—have degenerated to such a degree that they are almost useless, nearly impossible to fatten, and wretched milkers as far as the cattle stock of the lowlands are concerned. In the sierras quite a different type of cattle can be seen, healthy, well developed and entirely unaffected by the contagious diseases which are very general among the lowland cattle. It is quite probable that these highland cattle could be much improved through

crossing with suitable bulls of highland breeds. As regards pigs—degenerate, wretched looking, useless animals, cruelly neglected, exposed to the vagaries of the climate, having to rely on themselves for foraging. This country is, however, certainly a fine field for a live stock industry, and the Government, wide awake to the possibilities of developing such on practical lines, are prepared generously to assist the live stock breeder; and as a very good commencement has recently been made through the importation of South-down, Hampshire, Suffolk and Shropshire sheep, besides a number of first rate Rambouillet rams a foundation has been laid on which the country undoubtedly can develop a very big sheep breeding industry.

The Government have established several live stock farms, and the model farm, "La Granja Modelo" at Chuquibambilla in Puno, 12,000 feet above the sea level, is forging ahead and now a subject for personal visits of breeders from all parts of the country.

Prominent Breeders, Peru.

Raracco Abelardo
Bunachi Pedro
Capurro Enrique
Cerro Iasco Copper
Chiarella I actual
Coloma Cesar A & Compañía
D'Aponte y Ribeyro Luis
Dominici y Perez
Eguiguren Hermanos
Escardo Rafael
Fernandini Llas
Fernandini Fulgencio
Garcia Luis Sol
Gutierrez Pablo
Isola Gio Bata
Almeida Gerardo
Labarthe Belch
Landrao, Hermanos
Larco Herrera Hermanos
Jewari Hermanos

Lecherías Unidas Lima
Calle Vireyna 445
Hacienda Camacho
Cerro Pasco
Calle Riva 360
Edificio Coloma
Trapios 2°0
Cranja Modelo
Puura
Calle Padre Jerónimo 482
Calle Riva 400
Calle La Riva 400
Avenida Leguia 306
Calle Coca 4°2
Edificio Italia
Villa Villaman
Lecherías Unidas
Cerro de Pasco

Magdalena
Lima
Trujillo

Maggi Hugo
Negociación Chacra Rios
Negociación Laredo
Nogel a Pablo
Oliveros José Puente
Otero Luis
Patrón Antenor Rizzo
Piedra Vida de é hijos
Pope Santiago
Russo Hermanos
Rivera Luentes
Sociedad Agrícola Chicama
Sociedad Agrícola y Ganadera Fabur
Sociedad Agrícola y Ganadera
Sociedad Ganadera Corpacaancha
Sociedad Ganadera Junin
Sociedad Ganadera del Centro
Sociedad Ganadera Uchupata
Ventura Pedro
Villacampa Carlos Palac o

Lecherías Unidas Lima
Edificio Coloma
Salaverry
Pasco Colon 3°8
Hacienda Chacra Alta
Tarma
Avenida Pardo 33
Calle Coca 451
Calle Divorciada 634
Hacienda Lobaton
Calle Judios 2°0
Puura
Hacienda Camacho Lima
Calle Concepción 50°
Calle Concepción 507
Calle Concepción 507
Avenida Grau 1171
Avenida Grau 701
Apartado 1622

Livestock Breeding in Salvador.

The Director General of Agriculture at San Salvador, the capital of the Republic of El Salvador, states that the interest among the larger land owners for better breed animals points towards the possibility that the Government may consider the granting of monetary assistance to those who would decide to import stud animals for the improvement of their herds.

The latest live stock census estimates the cattle stock at 286,000 head, sheep at 21,000, pigs at 391,000, and the horse stock scarcely more than 30,000. Salvador is only a very small country, but in several parts the conditions for live stock breeding are quite favourable. Almost every portion of the country is remarkable for great fertility of the soil, and according to an agricultural expert who recently travelled over the country, the state of cultivation is excellent—in the opinion of this investigator, Salvador is better cultivated than most of the other sister Republics. It is chiefly as a producer of coffee that Salvador is known in the world trade, and resulting from the great attention the Government have for years paid to the necessity of improving the coffee plant and the crop set aside for export through grading and classification, the Exchequer of the Republic enjoys a steadily expanding revenue from the coffee export trade. While not so long ago indigo was the chief commercial crop, little or nothing of this article is now produced. Where coffee is not cultivated, sugar cane, rubber and tobacco have come in vogue. Another article of considerable trade importance is cultivated in this country, "Balsam

of Peru," although the name is misleading. The country is divided into fourteen Government Departments, or rather Districts and the population, now 1,100,000, is rapidly increasing. Formerly a Spanish colony, Salvador was later a constitutional part of the Republic of Central America but when this was dissolved, the country declared itself an independent Republic. Officially the country is stated to consist of over 13,000 square miles, but recent investigations hold that the area is scarcely more than 8,000 miles, and if this figure is correct, the expansion of the Republic is remarkable. The country is very volcanic, in many places of a rugged appearance, but the charm of scenery in many parts is great. A number of beautiful rivers traverse the country, the largest of which is the Lempa river, forming the boundary between Salvador and Honduras. In the district of the great lake Ilopango, splendid pastures can be seen where the cattle reach quite remarkable dimensions. A number of Estancieros have recently imported prominent bulls from the United States, and the improvements of the herds through these have drawn the Government's attention to the desirability of granting facilities in aid of further imports. It is stated on authority that the improvements caused through crossing imported Shorthorn bulls on the native cattle have been most noteworthy. The pig indigenous to the country is quite valuable as grading-up stock, but the absence of good stud animals where such could easily improve the herds is rather astonishing.

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Correspondence invited.

Livestock Breeding in Uruguay.

By the Secretary, Agricultural Association of Uruguay (Asociación Rural del Uruguay) Monte Video.

The Livestock Industry is the mainstay of Uruguay, and this means a continuous development of the meat trade. Three and a half centuries ago the territory which now comprises the Republic did not contain a single head of stock, but when the now beautiful City of Monte Video was founded in 1726 the country held some 25 million head. In those days only hides and tallow were utilised, but later on when the salt meat trade was established meat from Uruguay came into world-wide use. The Uruguay salted beef obtained and now holds a great reputation in foreign markets, particularly in Cuba.

In a similar manner the production of wool received a great stimulus through increased world demand, and has contributed in no small degree to the general well-being of the country.

With the establishment of freezing plants the first of which started operations in 1905 and of which there are now four capable of commercially handling meat on a large scale, the live stock industry entered upon a new and prosperous career, and to-day, with the Argentine Republic, Uruguay claims pride of place in the supply of the best chilled meat delivered in the English and other markets.

Uruguay is in the temperate zone of South America, bounded on the East by the Atlantic, on the South by the river Plate, and on the West by the river Uruguay, and borders Brazil on the North and East and Argentina on the West. Her area is 186,926 square kilometres. The average normal temperature of the whole country was from 1901 to 1925, 15.08 degrees Centigrade, records showing a summer heat of 21.8 degrees and 10.7 degrees winter. The population numbers 1,680,000 approximately 9 people to the square kilometre, and the Republic is divided into 19 Departments. The landed (rural) estates comprise -

Farms of	100	hectares in area	66,671
" "	100-500	" "	18,186
" "	500-1,000	" "	3,728
" "	1,000-10,000	" "	3,129

The number of cattle and sheep was, according to the 1924 census, 45 head of cattle and 77 sheep per square kilometre.

As stated, the industrial and commercial activities of the country derive their character from the breeding of live stock. In 1905 the "Frigorifica Uruguaya" was founded, and to-day there are four large meat-handling establishments, three in the Capital Department—Messrs. Swifts, "La Uruguaya" and the "Artigas," while the fourth, the "Anillo-Uruguayan" is in Rio Negro. As to their capacity, in 1926 these establishments handled 715,000 head of cattle and 1,233,000 sheep.

There are ten salting establishments engaged in the production of salted beef, and various factories for preserved meat whose products are everywhere in demand.

The Agricultural Association of Uruguay, the oldest Society of breeders in the country, founded in 1887 Herd Books for the registration of pure-bred cattle, sheep, pigs and horses. The Republic to-day possesses excellent live stock and supplies high grade meat to many foreign markets. Separate Herd Books for the various breeds have been in existence for many years, the entries to which are subject to most stringent investigations. The popularity of British breeds may be gathered from the following entries in the respective Herd Books, thus:

Breed.	46,532 Entries
Hereford Cattle	21,818 "
Shorthorn "	1,373 "
Polled Aberdeen Angus Cattle	172 "
Red Polled "	158 "
Devon "	120 "
Friesian "	91 "
Jersey "	37 "
Dorset "	31 "
Lincoln Shorthorn "	" "

Besides these, there is a number of other breeds, such as the French Normandy, the Flamande and the Charollaise, and the Swiss Brown and Summental.

Uruguay's Flock Books comprise several of the most important British sheep breeds, while the Merino

Prominent Breeders.

CATTLE

Amelia Cesary y Pedrolin Aricales	(1)	Hereford
Amey Walter C. Santa Sofia y St. Agnes		Hereford
Ancho y Bertoni Santa Amelia Est. Chermiso	(1)	Shorthorn
Anchoresna Aaron de Barra de San Juan	(1)	Shorthorn
		Friesian
Anta Hnos. Don Carlos, Ciudad de Rocha		Hereford
Arandilla Hnos. El Palmar y La Rotomosa		Hereford
Arizaga Cesar La Esperanza Est. Sarandí Grande	(1)	Hereford
Aroceca Cap. tro D. ego, Cabalera Aroceca Est. Joaquin		Friesian
Aroceca, Carlos A., Santa Maria Pascuala		Shorthorn
Aroceca Carlos A. La Chacara Est. Progreso		Shorthorn
Aramar Hermanos Las Lomas Chalkale		
Arribalaz Juan José Nuevo Sarandí Ciudad de Trapey	(1)	Hereford
Arribalaz A. Victor Chirino, via Carmelo		Shorthorn
Arribalaz L. Lorenzo, San José Chirino, via Carmelo		Shorthorn
Armillaga Francisco Santa Adela Est. Robledo	(1)	Shorthorn
Artoaga Juan José de Margarita Heber h 168	(1)	Hereford
		Hereford
Aznarar Gregorio Julio, via S. J. t. t. Juan d.		Hereford
Barrato y Morató Buen Retiro Tres Arboles		Shorthorn
		Shorthorn
Basturn Francisco La Carolina Est. Buzcocho		Hereford
Bata y Valari La Rosada (Daca) Mercedes		Shorthorn
Berduciano Alfredo, El Suroeste Mercedes Coronadas		Hereford
Berranos Hnos Santa Modesta Est. Alcega		Hereford
Berro Juan Carlos Teodoro Berro Los Remos Vergora		Hereford
Bidrea n Pedro, Cabalera Magdalena Tacuara do		
Bilaca Rodolfo La o Est. Repecho		Hereford
Bordaberry Domingo R. El Mirasol Est. Molles	(1)	Hereford
Bordaberry Santiago E. El Retiro Est. Molles	(1)	Hereford
Borges Gabriel G. El Cedro, Est. Tres Cruces	(1)	Shorthorn
Bosch del Morco, Hnos. Don nio y Dolores Est. Gofil		Hereford
Bosch y hijo Antonio R. El Cedro Santa Pampa		Hereford
Braga Fernando F. La Herminia Est. Pampa		Shorthorn
Brum Hermanos, Santa Ida 9a Sección		Normandy
Burmester y Jauregui San Carlos 4a Sección		Hereford
Burgareo Oribe Felix Santa Maria Malilla		Normandy
Cal y Est. y corona Santa La Victoria Est. Huado (sp)		Hereford
Callias El Palmar Est. La Cruz		Hereford
Campbell, Hermanos Santa Rita Quebra bo		Hereford
Caorsi Juan Antonio		Shorthorn
Carulla José A. Est. del Cedro Carpinteria		Hereford
Cash de Gavour Luisa A. de San Ramón Est. Belaco	(1)	Hereford
Casas Rodolfo La Cruz		Shorthorn
Castro Pedro M. Castro Est. La Cruz		Shorthorn
Celayeta L. n o La Flecha Est. Sarand Grande		Hereford
		Shorthorn
		Shorthorn
Cobham, Di Oiro José La o Est. Bañado de		Shorthorn
Rocha		
Cobham Eduardo C. La Constancia Est. Egaña		Aberrdeen Angus
Cobham Eduardo C. Media Agua Est. Palm tas	(1)	Hereford
		Shorthorn
Cochrón San Juan y S. A. Los Cerros de San Juan		Hereford
Chillas		Shorthorn
Collares Juan R. Collares Tres Arboles		Shorthorn
Correa, Cosma L. Santa Juliana Rocha		Hereford
Correa, Faust n o de S. Sancto, Spiritu Sancto, Carro de		Hereford
		Hereford
Cruz Tomás Est. Sta. Lucia		Normand
Cudrea Diaz Domingo El Frasco		Shorthorn
Delmond Unario Domingo, El Curra n, Agen a M. 2		Hereford
Delos San o Libao F. Cerro deligre Agen a M. 2		Shorthorn
Del Pino Rodolfo Est. El Triunfo	(1)	Hereford
Devotto Don nio, El Ombú, 4a Sección		Shorthorn
Dias Pizaras Hnos. San Sebast. an, Hospital		Shorthorn
Diaz Pedro h o "El Mirador San Gregorio		Aberrdeen Angus
Diaz Pedro h o Estancia Guarapari Parada Pizera		Aberrdeen Angus
Di Bono, Carlos h o La Cabalera Luisa Florida		Shorthorn
Donamari Eduardo y Ernesto, El Paraiso Est. Itacua Isla		Shorthorn
Sarand		
Durán Juan n o de Santa Maria del Querguay Est. Querguay		Hereford
		Shorthorn
Echa arria Hnos. La Lucha Est. Santa Catalina		Shorthorn
Echa y Juan M. Rotomosa Est. h. tanova		Hereford
Echen que e h o s, Urbano, Los Os bres Est. Sa José		Shorthorn
Echeverrigaray Pedro, La Victoria Est. Hella		Shorthorn
Echeverry Barandona, Sancho		Shorthorn
Echeverry Juan F. El Cavallero, Est. La Cruz		Shorthorn
Elhordo Alberto M. La Lu ha Est. Querguay		Shorthorn
Elhord y Vicente Villa Benigna Est. Querguay		Hereford
Elorza e h o José El Cardo, h. 100 via h. Negen	(1)	Hereford
Elst. Alendado, El 3to gres Surra a Hella		Shorthorn
Ernst Carlos, Porven r. Cilda Paulier		Shorthorn
Ernst Julio, F. Cilda Paulier		Shorthorn
Escalada Federico h. La Palina Sarand. 1111		Shorthorn
Escalada y Medalla La Palina Sarandí 1111		Shorthorn
Estacion Aeromica de Pampa de Puyeda	(1)	Shorthorn
Estancia Guarapari Qu. Guarapari Est. Querguay	(1)	Hereford

[illegible]

PROMINENT BREEDERS (cont'd)

Rodríguez Emilio El Estribo, Est. Cardozo	(c)	Merino
Rodríguez Andrés Hino, Cabaña Ancho, Est. Las Dársenas	(c)	Romney Marsh
Rodríguez Medardo Don Medardo Est. Valentín	(c)	Merino
Rodríguez Sosa J. y C. Don Camilo, Sarandí del Sal	(c)	Shropshire
Saldías, Hijo y Cia. Bueitista Zapatero	(c)	Merino
Salvo Lorenzo Cabaña Salvo, Montevideo	(c)	Lincoln
Sanz y Cia. Dacia L. Atacías Fama, Rocha	(c)	Merino
Sanz Fduano, Santa Infemia, Paysandú	(c)	Romney Marsh
Sanz Rodolfo A. El Rincon de Secaán	(c)	Romney Marsh
Simpson Luisa L. de Santa Elena Est. Parish	(c)	Merino
Soc. Coop. de Abasto Los Lincoln Florida	(c)	Romney Marsh
Starcoo Juan P. Exclutor Sayago, Montevideo	(c)	Lincoln
Stirling y Cia. Roberto Rincon de Francia Est. Young	(c)	Lincoln
Suc. Hoo to Longaricano Sa. Graciana Est. Cerro Col	(c)	Romney Marsh
Suc. D. y E. de l'Ourquin La Maria, Est. Lalmalar	(c)	Merino
Suc. Virgilio S. kve ra Agencia B35 Salto	(c)	Lincoln
Tiedemann Hino, Tiedemann Trinidad	(c)	Merino
Ugarte José R. Santa Maria Est. Young	(c)	Romney Marsh
Urtebe Alberto L. S. Elena del Perdido, Est. Drabble	(c)	Merino
Uruguay U.S. Col. Ltd. Las Delicias Est. Queguay	(c)	Lincoln
Vannoli Hino Vannoli Est. La Cruz	(c)	Merino
Victoria Alejandro Embrón de Rio Negro Est. Francia	(c)	Romney Marsh
Villamay Casas José San José Est. Casupá	(c)	Lincoln
Wilson Arturo Santa Angélica, Ojo de Agua	(c)	Romney Marsh
Wilson y Cia. Santa Rita Est. Drabble	(c)	Merino
Young Florencia R. de La Esperanza Est. Young	(c)	Lincoln
	(c)	Romney Marsh

PIGS

Cab y Est. La Victoria La Victoria Est. Hsuado	(c)	Berkshire
Cochob San Juan y S.A. Cerros de San Juan Conchillas	(c)	Berkshire
Concejo de Admin. stracion Dptal. Dirección de Abasto	(c)	Berkshire
Tacuarembó	(c)	Berkshire
Fcheverry y Camo Sta. Clementina Est. Algorita	(c)	Berkshire
Estación Agro de Iaysandú Iaysandú	(c)	Berkshire
Est. Dgo. MacCulloch S.A. Est. San Gregorio Est.	(c)	Berkshire
Drabble	(c)	Berkshire
Gallinal Alejandro Monzon Heber Est. Juan Jackson	(c)	Poland China
Hricuere H. larc (H. jo) La Liberal Est. Lasala	(c)	Poland China
Karlén, J. Federico Est. Taras Colonias	(c)	Poland China
Morini Sires on Granja H. Morini Pando (Canelones)	(c)	Poland China
Parquet Stirling Eduardo Est. Las Arenas das Paysandú	(c)	Poland China
Vicero Nac. y Gja. de Agr. Vivero Nacional Toledo	(c)	Poland China
W. Isom Arturo Santa Angélica Ojo de Agua	(c)	Poland China

HORSES

Anchorena Azorín de Barra de San Juan Colonia	(c)	Percheron
Cash de Gaylor Luisa A. de San Ramón Est. Bellaco	(c)	Percheron
Fcheverry y Camo Sta. Clementina Est. Algorita	(c)	Percheron
I. raschini H. jo, C. y Cia. Paysandú Paysandú	(c)	Percheron
Holman Hermann Cab. Julio Nuro Est. Queguay	(c)	Percheron
Netten Wilhelm von La Banduciera Est. Young	(c)	Percheron
Parquet Stirling Eduardo Est. Las Arenas das Paysandú	(c)	Percheron
Young Florencia R. de La Esperanza Est. Young	(c)	Percheron

Livestock Breeding in Venezuela.

The official Live Stock estimate holds the cattle stock in Venezuela to be 2 610 000 head the pigs 518 000, sheep 113 000 and horses 171,000. If this estimate is correct, it would indicate that the cattle census is for the stock rounded up and maintained at the Ranches in various parts of the country, provincially registered, but, as the number of cattle roaming about over the large savannas and in the river valleys, chiefly in the Orinoco Basin districts, cannot possibly be estimated, it is probable that many million head of cattle, still unclaimed exist although they are no man's property.

Venezuela has existed 100 years as an independent sovereign State resulting from the victory under Bolívar the patriotic leader who conquered the Spanish crown-forces outside Caracas in 1813. It is a large country, holding an area officially estimated at 450 000 square miles, but probably considerably larger as enormous stretches of land towards the Brazilian border have never been surveyed. The country can best be described as divided into three districts—the Guiana Highlands south and east of the Orinoco river, extending to the Parima mountains through which the country is separated from Brazil, the district of llanos or flat, rather low-lying plains stretching west and north of the Orinoco, and the mountain districts in north-west and north being the continuation of the eastern Cordillera mountains of Colombia. Probably the Guiana Highland district is the most valuable as it has a remarkably fertile soil and enormous stretches of pastures, but the actual value to-day cannot be estimated owing to a total absence of community life as there are no villages, and the few cattle breeders found here live at distances between each other which require days on horse back to cover. The people whose only occupation is live stock breeding, the llaneros would be considered highly prosperous if they

some kind of organised and regular outlet for the sale of the cattle they possess, but the total lack of a transport system militates against them.

Venezuela is a considerable producer of coffee, cocoa, tobacco, sugar cane, cotton, indigo and sarsaparilla, while the forests abound in highly valuable dye-wood timber, rubber, etc. Next to Brazil, Venezuela is the largest coffee producer in the world, and cocoa cultivation has lately increased so much that possibly the country may some day outstrip all other cocoa producing countries. In regard to animal life, the same species, varieties and types as are found in Brazil exist in Venezuela and here the most venomous types of the boa constrictor and anaconda add to the dangers in the wilds. It is stated that the rivers in Venezuela hold more and better fish than any other country on the American Continent and that the turtles lay a larger number of eggs than elsewhere. The petroleum deposits in the country are now being explored, and experts consider them very valuable. The total lack of a road system compels the traveller to utilise the pack animal and railway construction is only very slowly being undertaken. The number of the population is not exactly known but probably exceeds 3 000 000. Spanish is generally spoken, and the population consist of a small fraction of whites, the descendants of the first Spanish settlers and of the Indian natives, the original inhabitants.

The actual agricultural districts may be estimated at 250 000 square miles. The best lands lie in the valleys of Lake Valencia in the State of Carabobo, some distance inland from Puerto Cabello. According to recent investigations Venezuela could easily maintain a population ten times larger than the present and the lack of settlers, sheep and cattle is the greatest workers in obtaining it. It is probable that the Government, however, recognises that the future must be developed along these lines.

stock breeding lines and recently (November, 1927) set aside large sums of money for the purpose of establishing experimental plant and live stock breeding stations. The chief work carried out at these stations is to ascertain how and by what means Venezuela can best develop her natural resources. Recently a Department for Veterinary Research was inaugurated at Maracay where a considerable number of animals of the indigenous breeds are now under observation. Modern agricultural machinery is being imported and the tractor seems to come in vogue. A land Law was adopted in 1912 according to which all land belongs to the State which alone can sell such to settlers. Certain restrictions were adopted such as that of first class agricultural land only 200 acres may be sold to a foreigner and of first class grazing land no more than 5,000 acres, of second class grazing land 10,000 acres, etc. The very best arable land can everywhere be purchased at from 195 to 255 an acre while the very best grazing land can be obtained at from £60 to £70 per square league (5,000 acres). As cattle breeding is the basic industry of Venezuela but no cattle breeds were indigenous to the country it is probable that settlers who came from Andalusia in Spain brought with them a number of cattle the progenitors of the present breeds. In 1800 the cattle stock was estimated at about 1,100,000 head while in 1920 the District Inspector's estimates showed a total of 2,600,000. Breeding is of course a matter of haphazards, no system or method existing and little or no care given to the stock. According to an American estimate based on investigations in 1924 there were then roughly 1,250 cattle ranch owners whose total estimated cattle stock was tabulated at a value of about £4,600,000. One of the remarkable features of Venezuela is the enormous area of perfectly level land—indeed, one third of the total area or say 120,000 square miles is excellently suitable for cattle breeding. In recent investigations on behalf of the Government it was estimated that 15,000,000 head of beef producing cattle could be supported all the year through on these level plains. The Orinoco Valley holds excellent cattle breeding districts as the elevation here is 650 to 1,000 feet above sea level. It is probably the fact that the total number of cattle ranches in this region does not exceed twenty chiefly in the Cuchiveros and Canara districts. As for the climate very severe drought is often experienced over the entire area of the grazing districts while at other times the rainfall is abundant, and not infrequently when the rivers rise the lands get flooded. As for the feeding of cattle the grass is everywhere coarse and the cattle seem only to care for the green shoots at the beginning of the rainy season. The dairy industry has developed during the last few years chiefly through goat milk production for cheese making but dairies for butter making constructed on modern principles are coming to the fore. The cattle are chiefly suitable for beef and the meat consumption in the towns is regulated through vast herds of cattle being sent up and driven to the outskirts of the town and there kept on beef grazing until required. Pig

breeding is of late enjoying more attention, resulting from the many dairies, chiefly in the Caracas Valley, where quite good pigs are now bred for the local markets.

It is probable that the Puerto Cabello district is most suitable for the European settler. The larger land and cattle owners are now beginning to fence-in their lands this being necessary to prevent the cattle from roaming about and returning to the *salinas*. It is probably reliably stated that in the Puerto Cabello district alone the number of excellent beef cattle easy to fatten cannot be assessed at a less figure than 1,200,000. The largest cattle owner in the country is the Venezuela Meat Products Company which possesses over 6,000,000 acres in the Apure district—indeed this company owns enormous stretches of land into which probably no white man ever penetrated. The frozen meat industry seems to make headway in spite of the cumbersome method adopted for securing regular supplies of cattle. These have to be rounded up in the *llanos* and then driven over land through Maracay along the Puerto Cabello highway, the transport requiring from three to four months time. Puerto Cabello is an important export place for cattle supplies to Cuba. A few years ago at the instance of the Department of Agriculture a census was taken of the large cattle ranches and the number of cattle in the Ciudad Bolivar district the main supplier of live cattle to Trinidad and the French and Dutch Guiana. This cattle district divided into five regions then held 715 cattle ranches with a total number of 178,000 cattle, 6,400 horses, 3,600 pigs, 4,700 goats besides mules and sheep.

As regards breeding of horses, sheep and pigs, many good horses are bred in various districts and Venezuela undoubtedly has a native horse material worth improving. There is certainly a very valuable field for the breeder of middle weight, strong and enduring horses. The indigenous sheep breeds two or three are not particularly interesting, and there is room for improvement. The pig breeding industry, as already stated is given more attention, by Government and ranch owners alike and with Venezuela's fortunate position for the shipping trade, it is very likely that a remunerative trade in live animals as well as in salted pork could be worked up by enterprising live stock men who, as already stated could start business under favourable conditions and with comparatively little capital. Venezuela is a live stock breeding country par excellence and when the country is better supplied with roads and communications it will undoubtedly develop very rapidly.

Breeders of Pedigree livestock of various categories would do well to personally or through qualified experts investigate trade facilities as almost beyond any doubt Venezuela will soon follow the example already set by Colombia, Uruguay, etc., and decide that improvements of the existing stock can only be effected through crossing with valuable breed material imported from other countries.

The climate is healthy in most parts and if the usual precautions are taken by the settler, no great risks need be run.

ASIA.

Livestock Breeding in Afghanistan.

In this country with its severe cold during the winter and excessive heat during the summer months, and enormous stretches of sand, several types of quite good cattle are reared while excellent horses and very good sheep can be seen in many districts. The present Ruler is credited with a firm intention of creating better live stock in this country, having been immensely impressed by the types of domestic animals he had opportunities to see during his recent visit to Europe, especially in England. The country is well watered and in the fertile valleys of the chief rivers—the Amu-Darya, the Murghab the Kabul and the Heri-Rud, delicious fruit grows in abundance, such as oranges, grapes, apricots, almonds and walnuts and wherever the breeding of cattle has been promoted through using good Indian sires, success has been achieved. The Afghan clover plant grows in abundance, and is one of the most valuable of its kind.

Afghanistan proper has an area of nearly 240,000

square miles and the population is estimated at about 5 000 000. A census of the existing live stock has never been taken and it is impossible to obtain a reliable estimate. In the low lands vegetation is very much the same as in India, and cotton, sugar cane, rice and maize grow in abundance. The Afghanistan tobacco is of good quality. The people enjoy the reputation of being the most turbulent of all the nations of the world, probably owing to the geographical position of the country, enclosed and surrounded by other warlike and turbulent races. The neighbourhood of Russia has always been the cause of restlessness and resulting political disturbances. As the time passes on and the Afghan people have their eyes opened to the importance of modernising themselves in outlook as well as in methods undoubtedly the safety of foreign residents will be ensured and there is no reason why Afghanistan should not prove a suitable field for live stock breeders and settlers.

Livestock Breeding in Arabia.

Arabia or more properly, the Arab country, comprises the large south western peninsula of Asia which is separated from Africa by the Red Sea east of the Persian Gulf, and south of the Gulf of Aden. In this vast country the area of which is more than 1 200 000 square miles a number of independent self ruling tribes, constantly warring between each other, have lived since time immemorial whose chief interest in life is the breeding of horses cattle, sheep and goats. The mediæval designation of Arabia divided the country into three parts the happy Arabia the stony Arabia, and desert Arabia which names, however, were never adopted by the population which divide this large stretch of land into Hejaz, Yemen Hadramaut Oman and Hasa. That part which is called Nejd is chiefly a vast tableland, divided by large mountain ridges where the Yemen uplands reach an elevation of 10 000 ft. Generally speaking Arabian lands are remarkable for sterility, with few rivers, and only very few streams while the extreme dryness of the atmosphere and absence of vapour sometimes cause the country to be the hottest place on the globe and sometimes extremely cold. Thus at Muscat on the coast of Oman, the temperature is never below 100° but more often 115°. The Nejd country is very fertile. It is largely bordered by deserts of shifting sands. The best cultivated parts

are generally between the mountain ridges as the torrents during the rainy season collect soil spreading this over the valleys and thereby increasing the fertility. It is stated that in spite of the very great heat the climate in Nejd is very salubrious a statement that is corroborated by the fact that very large numbers of sheep, camels and horses are reared here. There are three cities of some importance in this district, Riad, Qneise, and Bereide. Wheat, rice and barley are generally cultivated, but agriculturally the Arabs devote more attention to raising bananas, water melons and other garden produce while commercially speaking they concentrate on the cultivation of their date plantations. Coffee is likewise cultivated and Arabian Mocha coffee has long enjoyed world reputation for being the finest in the world although the truth is that this type of coffee emanates from Abyssinia.

In that part of Arabia known as Yemen probably the most fertile region of the country, the chief commercial activities of the Arabs seem to concentrate. Here a considerable trade in cotton goods with Africa and India and trading in ivory and other goods has for centuries been under the control of Arabians in whom in mediæval times the trade routes of the world which Arabs passed through Yemen when they started from Bagdad crossed the 'Arabian' Aleppo, Damascus and Egypt and so on.

numbering 140 000 camels carried the products of Arabia to foreign lands. The inhabitants belong to the Semitic race. Ever since the earliest times Arabia was the seat of advanced culture. After the advent of Mohammed the various tribes of Arabia were consolidated and formed a great conquering State and for long Arabs led the world in literature, art and science and they diffused their culture in remote lands. Thus Spain was early a scene of Arab expansion but after this country had thrown off the Arab yoke in the eighth century Arabia fell to pieces and the change to Bagdad from Damascus as a seat of the Caliphs slowly brought on obscurity and confusion. In the eighteenth century the Wahabis rose to great power dominating all the other tribes. Since 1839 Great Britain has been in possession of Aden.

The population to-day of Arabia is probably considerably over 3 000 000 of which 1 200 000 inhabit the Yemen and the Hejaz.

As breeders of horses the Arabs were early pioneers and they are still to-day among the world's finest horsemen. Earlier than in any other country of the world the Arabs learned to appreciate the value of

Pedigrees and it is no uncommon thing among the most noted horse breeders to find Records dating back for hundreds of years.

As already stated sheep breeding is of some importance the two types being bred belonging to the fat tailed Persian type. The average wool production is stated to reach between 6 and 8 lbs per head and the mutton is of a peculiarly agreeable flavour. Wealthy Arabs often own flocks as large as 20 000 and more. The Arabian cattle are either white coloured or red with white spots of middle size fine build not particularly remarkable for milk yield although the fat percentage is high. In breeding among the herds has been carried on for very many years and the results are evident. There should undoubtedly be opportunities for cross breeding. As probably the greater part of Arabia is still more or less unexplored and large herds of cattle and flocks of sheep are known to be reared in the valleys it is impossible to obtain a reliable estimate of the existing live stock but the numbers are probably very considerable.

Livestock Breeding in Borneo.

All categories of live stock are bred in the island which is in parts still almost unexplored and in those parts which are under British and Dutch influence serious attempts are made to improve breeding. A live stock census in the strict sense of the word has not been taken and the statements which are issued from time to time in regard to the existing stock seem to point towards a very small number of cattle. In the interior indigenous cattle, sheep and pigs exist but their number cannot be ascertained. The total area of Borneo is probably about 290 000 square miles. As stated much of the interior is entirely unknown. When the island can be more widely developed most certainly opportunities will open up for the settler. Borneo is the fifth largest island in the world situated partly in the northern and partly in the southern hemisphere. Large mountains cover part of the surface and between the mountain ranges are very large alluvial plains often swampy and unhealthy. The highest known mountain range is the Kinabalu in the British portion of North Borneo where the elevation reaches nearly 14 000 ft. A considerable number of large rivers traverse the island many of which are navigable such as the Barito, the Rejang and the Kapuas rivers. While the heat is not generally excessive Borneo is not a particularly healthy place.

It has been described as in most parts a seething jungle densely clad with rich and varied vegetation. In the interior a number of wild animals exist such as the panther, the bear, various species of apes, the rhinoceros, the elephant and the civet cat. The number of wild pigs is probably very considerable and if these could be rounded up and crossed with boars of European breeds most likely a useful cross breed would result. The natives Dyaks and Malays are remarkable people in many ways. A considerable portion of the population consists of Chinese and half breeds. The larger portion of the island in the southern, central and eastern sections was taken in possession by Holland and is now controlled by Dutch officers and officials who supervise their districts through native chiefs. The Dutch portion is divided into two Provinces, the west Borneo and the south and east Borneo. A large part of the island consists of the self ruling States of Brunei and Sarawak, and the remaining portion including the island of Labuan constitutes British North Borneo, a British Protectorate.

The number of dairy cattle in the British portion probably reaches 8,500 and in Brunei between 500 and 600 and the number of pigs is estimated at 5 000 and 700 respectively. These estimates however are not reliable.

Livestock Breeding in Ceylon.

According to the Live Stock Census from this Island the cattle stock may be estimated at about 1 420 000 head buffaloes at 425 000 goats 155 000 pigs 48 000 sheep 60 000 and horses only about 2 000. The Government Live Stock Returns mention some interesting results concerning breeding from imported Ayrshire bulls to the effect that all the imported bulls after having become acclimatised have shown very good condition while proving dependable stock getters. These bulls have been chiefly used for mating with pure bred Scind cattle and in some instances with cross bred Scind Ayrshires. The calves born have generally proved satisfactory being very vigorous and at the birth much heavier than the pure bred Scind stock. With the exception of colour the calves as a rule very closely resemble their sire. Other points of considerable interest for judging the merits or demerits of importing pure bred Pedigree live stock for grading up the native cattle are that the back in the cross is perfectly straightened out with a total disappearance of the hump disappearance of drooping hind quarters upright short ears of the calves as compared with the long narrow ears of their dams a flat forehead well sprung rounded ribs and great ability to withstand the climate and resist diseases. The Live Stock Department sums up the results thus far achieved as eminently satisfactory and the Veterinary Officer finds justification for recommending to owners of Scind cattle anxious to improve the milking qualities of their herds the use of these bulls. The Government are working unceasingly towards the improvement of the live stock of the Island and have succeeded in eliminating diseases of a contagious nature. At the Government Dairy Farm near Colombo where Pedigree cattle are kept interesting experiments in breeding and feeding are being carried out with satisfactory results. The native breeders are having their attention drawn to the results accruing from breeding from valuable Stud animals whereby the possibility of avoiding diseases increases. The importance of cleanliness and better sanitation is also being emphasized. At the Ambepussa Experimental Farm a series of experimental plots are planted with Paspalum for the purpose of improving grazing. The meat supply is now being regulated through an Ordinance according to which cattle and buffaloes can only be slaughtered through Government permit and in accordance with strict regulations. Undoubtedly this Ordinance will powerfully assist in preventing the Ceylonese farmers from supplying badly fed animals and incidentally it has led to improved methods in breeding. The supplies of slaughtered animals are chiefly drawn from the western north western north central northern and eastern Provinces. No buffaloes

are being slaughtered unless certified by the headmen as unfit for agricultural purposes. In the Province of Sabaragamuwa where large herds are reared by the natives difficulties have been experienced in enforcing cattle disease regulations chiefly owing to the animosity on the part of the headmen who are everywhere the largest owners of cattle but thanks to the Government enforcing their regulations co operation is now willingly forthcoming and cattle disease is certainly on the wane. As and when contagious diseases can be fully overcome and the natives induced to abstain from indiscriminate breeding Ceylon will probably prove a good field for the exporter of Pedigree live stock as the native population is interested in live stock breeding in which they find a safe source of income.

Ceylon is indeed a country blessed in every respect by nature and without many difficulties a live stock industry could be created from which a considerable export of slaughtered animals would find markets in neighbouring countries. The total area of Ceylon including some of the small islands close to the coast is estimated at about 25 000 square miles. Everywhere the soil is very fertile and the vegetation luxuriant. Coffee and tea plantations abound. Ceylon ranking as third in the number of tea producing countries of the world. The climate is of course tropical but the heat is always tempered by the proximity of the sea. The rainfall is nearly 80 inches. The bulk of the population are Singhalese the rest among them the Tamils and the so called Moormen of Arabic descent are all pursuing farming and stock breeding. Ceylon has been in the possession of England since 1795.

It has long been known that the local stock is totally inadequate to meet the requirements owing to very scanty food supplies and the general indifference of owners in regard to feeding and selection. In the past the pastures have never sufficed for the maintenance of the stock and until the Government recently made concentrated efforts to improve conditions cattle as well as buffaloes seemed to degenerate. In 1918 a new policy was adopted bearing upon cattle breeding and general improvement of stock and prevention of disease while providing for communal grazing grounds since when very considerable improvements are noticeable. The large numbers of wild boars roaming about are always a danger to the pig stock as very often they are carriers of the tape worm. For a number of years cattle sheep and goats have been imported every year from India—12 000 11 15 000 cattle and 90 000 sheep and goats in 1916 of the fact that Ceylon should be able to feed its supplies.

Livestock Breeding in China, Manchuria, Mongolia and Tibet.

Ill kempt dirty, ragged and uncouth looking is in one sentence the adequate summing up of the Chinese Live Stock. With few exceptions, the domestic animals in China have exactly the same appearance—as far as one can judge—as thousands of years ago as agriculture farming methods and live stock breeding have scarcely changed much for the better. And yet China is a country where some day live stock breeding will probably become one of the dominant features in the daily life of the Chinese of whom only few ever experience the luxury of eating the meat they themselves produce in the shape of cattle and pigs. Some years ago a prominent German Veterinary Officer—M Pfeiffer stationed at Kaum—drew the attention of German breeders to the great field in China for the export of German live stock and in the March issue (1906) of the Berlin Veterinary Weekly a very interesting article appeared dealing with the various existing breeds. Several attempts to introduce German bred animals in Mongolia and elsewhere resulted and various reports were received testifying to the great success of the imported animals but the Chinese revolution and the successive internal wars and eternal disturbances put a stop to further trials.

While in Northern and Central China there is an almost unlimited market for Pedigree strains for crossing on the native live stock more difficulties have to be overcome in the southern parts where however it has been sufficiently proved that through care and systematic precautions in dealing with imported live stock immunisation can be carried through. A British concern the Dairy Farm Company at Hong Kong probably the largest live stock breeder in South China has largely succeeded in conquering climatic and sanitary difficulties and the Stud animals the Company maintain at its dairy farm now rank among the very best live stock in China. The Company maintain a herd of about 500 Ayrshire cattle and 400 to 500 Friesians besides a herd numbering from 500 to 600 head of large and Middle White Yorkshires Large Blacks Berkshires and indigenous Chinese breeds. This Company has been breeding during the last thirty five years constantly fighting against Rinderpest Anthrax Tuberculosis Foot-and Mouth disease and Abortion but has now successfully overcome all these difficulties. Among existing animal diseases Rinderpest is probably the worst. Practical results in breeding have demonstrated that breeds such as Ayrshires Friesians Guernseys and Jerseys when crossed with Indian bulls breed a progeny able to withstand these diseases while at the same time increasing the milking ability in the crosses. Abortion has been more or less successfully combated but it is stated that sterility very often follows in its train. Tuberculosis has also been almost overcome in this part of China through immediate segregation on direct contacts. Foot-and Mouth disease seems likewise

to be overcome through taking immediate steps when appearing. Pig diseases once upon a time very frequent in southern China are nowadays not so violent as they used to be but until inoculation of vaccine can be strictly enforced in the Chinese own breeding establishments and farms Swine Fever will continue to exact its heavy toll. As regard sheep, it has been practically demonstrated that sheep rearing is not only possible but even a remunerative proposition in southern China provided suitable grazing is available. Scottish Black faced sheep have been imported from time to time and done remarkably well. Horse breeding is often reported as being hampered by the disease called Big head but experts hold that the occurrence of this sickness is always caused by a lack of minerals in the food. The same remark may be applied to cattle sheep and pigs and the simplest remedy seems to be a daily supply of sterilised bone flour or salt licks.

In central and northern China where domestic animals are bred on every farm it is however impossible to talk about live stock breeding as an industry. The Chinese idea of breeding is the most primitive crossing and recrossing between progenitors and progeny occurs over and over again and obviously under such conditions the prospect of proper development of a live stock industry is very scant. In most parts of agricultural China three or more villages combine in maintaining a bull or a stallion etc. and these animals have to serve without any regard taken to consequences. In spite of this the Chinaman is an excellent husbandry man if his attention is drawn to the proper way of treating his stock.

The live stock in China cannot be reliably estimated as no census is ever taken and the guesses that can be obtained from reliable Chinese sources are only rough estimates. It is however probable that the actual existing live stock is quite considerable.

The most popular among Chinese animals is probably the donkey which seems to enjoy more care than others. The Chinese treat them well and seldom let them commence working until reaching an age of four years. Some splendid strains can be seen especially in northern China and very good prices are obtained by local breeders. As regards cattle the Shantung cattle breed is quite valuable well developed of middle size in colour black or grey, or white spotted but more often dark red. The back is straight broad and well developed the skin very thick. The head is remarkable and seems more developed than any other part of the body. The horns are rather short and yellow coloured. The tail is long, ending in big rough hairs. In the Province of Chihli there is another indigenous cattle breed somewhat larger than the Shantung breed probably originating from Mongolia. This breed yields splendid oxen much in favour with the Chinese for agricultural purposes. The best cattle breeds in China are however the Zebu,

the Water Buffalo and the Yak. Although cattle breeding is carried on all over China it may be said that only in the Provinces of Kwangtung and Kwangsi is proper attention paid to the care of the animals. North of the Yangtse River where the cattle is often yellow in colour the prices obtained for the better bred animals are remarkably high. In the Province of Honan the cattle stock is larger in size than elsewhere probably owing to the care the farmers here devote to their domestic animals. It is generally conceded that the Chinese cattle can be divided into four different groups of which the Honan breed generally yellow in colour is probably the best developed and with the greatest milking ability. Crossed with European bulls as has now and then been done the progeny is stated to show remarkable increase in live weight as well as in milking ability. Another breed chiefly to be seen in the most northern parts of China are small sized cattle of a shiny black colour probably indigenous in the country. The Zebu is held to be the most valuable of all cattle breeds owing to its immunity and suitability for crossing with other races. Speaking generally the Chinese cattle breeds are all remarkable for very slow development, lack of milking propensities, but a great ability to exist on the scantiest and roughest of food. It is the rule to leave the calf with the mother until he reaches an age of 5 to 6 months. Stabling or cover against the blazing sun or the icy winter weather does not exist and the cattle are left to fence for themselves. As milk is only sparingly consumed by the people the yield of the cow is seldom more than just sufficient to maintain the calf. It is indeed remarkable that the Chinese breeder since time immemorial has never tried to develop his cattle for other purposes than as beasts of burden. Probably the explanation is to be found in religious reasons.

As regards the Yak originating from Tibet these cattle have spread over the Provinces of Yunnan, Szechuan and Kansu. It is a remarkable animal suitable for draught as well as for dairy purposes and as for riding probably few animals surpass the Yak in sure footedness over the most difficult country. The quantity of milk obtainable from a well developed Yak cow is surprisingly large, taking its feeding into consideration—8 to 10 litres being the average. The milk is pale yellow of a peculiar almond taste and the fat percentage as a rule between 5-6%. The Tibetans value the Yak milk very highly drinking it with tea in which some cornflour is mixed the so called Tsamba dish. Probably the Yak and the Zebu cattle originated from the same progenitors.

The Chinese pig although a sorry looking thing is perhaps one of the most remarkable domestic animals in China and from this breed probably all existing pig races in all countries of the world have originated. Even the smallest farmer or land owner is a pig breeder and when the Chinaman moves to a new rural domicile he brings his pig with him. The same remark as previously made in regard to the Chinese cattle breeds may be passed in regard to pig breeding—that the Chinese pig of to-day closely resembles the Chinese

pig bred 2 000 years ago as has been proved by comparisons with old inscriptions. The best pigs are probably bred in south China where the influx of the better bred Indian pigs is traceable. In the Province of Yunnan and in part of Kwangtung a remarkable looking pig probably indigenous can be seen a complete dwarf in size but much cherished by the Chinese for its fine tasting meat. The Chinese call this pig the water pig. In the north of China and in Manchuria a vastly different type of pig is bred in shape more like the Continental European landrace pigs closely covered by long hairs. Whether this type came has never been satisfactorily explained although more than one expert holds the opinion that it must have originated from Russia. All the Chinese pigs are remarkable for their fecundity, litters less than ten being almost unknown. While in northern China pig breeding seems to aim at producing material for the brush making industry in central and south China the pig is chiefly bred for the butcher. The manner of feeding the pig is all over China uniformly bad, it being left to the pig to provide as and where it can. In many places in China it is stated the pig is chiefly kept for its manure. In western China the chief purpose in pig breeding is to create the greatest possible quantity of fat which sometimes reaches as much as 65% to 70% of the total live weight. In these fat pigs it is stated the killing loss only amounts to 11-13%. In later years however wherever the Chinese farmer is adopting more modern methods in soil cultivation and live stock breeding the pig is accorded better treatment and the feeding is then as a rule quite satisfactory, beans, potatoes and roots constituting the chief ingredients. The manner in which the Chinese live stock exporters and middlemen transport their pigs sold for shipment down the rivers to the ports and from there to other countries such as Java, Sumatra etc. is remarkable. With a view of saving packing space the pigs are given the day before being embarked a sleeping draught in the shape of a narcotic pill which as a rule keeps the animal unconscious from two to four days thus enabling the exporter to pack the live animal in a crate.

As regards sheep breeding the most remarkable breed is the fat tailed sheep probably originating in Persia. This breed very often develops four to six horns, yields very fine mutton but very coarse wool. Through spring, summer and autumn the sheep are always kept on the move, grazing in large flocks the owners of which may often amount to hundreds of people living in different villages guarded against the thief and the wolf only through the shepherd as sheep dogs are unknown in China. Instead of the dog one or more bucks are kept to keep the intruder away. When the sheep move on from one district to another in search of better grass the buck walks in front showing the way. In northern China the sheep are shorn in the spring and in the autumn the wool merchants paying extra high prices for the spring wool as being of much finer staple. Good wool fetches five Taels per Pikul as against 13-15 Taels

Livestock Breeding in China, Manchuria, Mongolia and Tibet.

Ill-kempt, dirty, ragged and uncouth looking is, in one sentence, the adequate summing up of the Chinese Live Stock. With few exceptions, the domestic animals in China have exactly the same appearance—as far as one can judge—as thousands of years ago as agriculture, farming methods, and live stock breeding have scarcely changed much for the better. And yet, China is a country where some day live stock breeding will probably become one of the dominant features in the daily life of the Chinese of whom only few ever experience the luxury of eating the meat they themselves produce in the shape of cattle and pigs. Some years ago a prominent German Veterinary Officer—M. Pfeiffer, stationed at Kaum—drew the attention of German breeders to the great field in China for the export of German live stock, and in the March issue (1906) of the 'Berlin Veterinary Weekly,' a very interesting article appeared dealing with the various existing breeds. Several attempts to introduce German-bred animals in Mongolia and elsewhere resulted and various reports were received testifying to the great success of the imported animals, but the Chinese revolution and the successive internal wars and eternal disturbances put a stop to further trials.

While in Northern and Central China there is an almost unlimited market for Pedigree strains for crossing on the native live stock, more difficulties have to be overcome in the southern parts, where, however, it has been sufficiently proved that through care and systematic precautions in dealing with imported live stock immunisation can be carried through. A British concern the Dairy Farm Company at Hong Kong probably the largest live stock breeder in South China, has largely succeeded in conquering climatic and sanitary difficulties and the Stud animals the Company maintain at its dairy farm now rank among the very best live stock in China. The Company maintain a herd of about 500 Ayrshire cattle and 400 to 500 Friesians besides a herd numbering from 500 to 600 head of large and Middle White Yorkshires, Large Blacks, Berkshires and indigenous Chinese breeds. This Company has been breeding during the last thirty five years constantly fighting against Rinderpest, Anthrax, Tuberculosis, Foot and Mouth disease and Abortion but has now successfully overcome all these difficulties. Among existing animal diseases Rinderpest is probably the worst. Practical results in breeding have demonstrated that breeds such as Ayrshires, Friesians, Guernseys and Jerseys when crossed with Indian bulls breed a progeny able to withstand these diseases while at the same time increasing the milking ability in the crosses. Abortion has been more or less successfully combated, but it is stated that sterility very often follows in its train. Tuberculosis has also been almost overcome in this part of China through immediate segregation of direct contacts. Foot and Mouth disease seems likewise

to be overcome through taking immediate steps when appearing. Pig diseases, once upon a time very frequent in southern China are nowadays not so violent as they used to be, but until inoculation of vaccine can be strictly enforced in the Chinese own breeding establishments and farms Swine Fever will continue to exact its heavy toll. As regard sheep, it has been practically demonstrated that sheep rearing is not only possible, but even a remunerative proposition in southern China provided suitable grazing is available. Scottish Black-faced sheep have been imported from time to time and done remarkably well. Horse breeding is often reported as being hampered by the disease called Big head, but experts hold that the occurrence of this sickness is always caused by a lack of minerals in the food. The same remark may be applied to cattle, sheep and pigs, and the simplest remedy seems to be a daily supply of sterilised bone flour or salt licks.

In central and northern China where domestic animals are bred on every farm, it is, however, impossible to talk about live stock breeding as an industry. The Chinese idea of breeding is the most primitive, crossing and recrossing between progenitors and progeny occurs over and over again, and obviously under such conditions the prospect of proper development of a live stock industry is very scant. In most parts of agricultural China three or more villages combine in maintaining a bull or a stallion, etc. and these animals have to serve without any regard taken to consequences. In spite of this the Chinaman is an excellent husbandry man if his attention is drawn to the proper way of treating his stock.

The live stock in China cannot be reliably estimated as no census is ever taken, and the guesses that can be obtained from reliable Chinese sources are only rough estimates. It is, however, probable that the actual existing live stock is quite considerable.

The most popular among Chinese animals is probably the donkey, which seems to enjoy more care than others. The Chinese treat them well and seldom let them commence working until reaching an age of four years. Some splendid strains can be seen, especially in northern China, and very good prices are obtained by local breeders. As regards cattle, the Shantung cattle breed is quite valuable, well developed of middle size, in colour black or grey, or white spotted but more often dark red. The back is straight broad and well developed the skin very thick. The head is remarkable and seems more developed than any other part of the body. The horns are rather short and yellow coloured. The tail is long, ending in big rough hairs. In the Province of Chih there is another indigenous cattle breed, somewhat larger than the Shantung breed probably originating from Mongolia. This breed yields splendid oxen, much in favour with the Chinese for agricultural purposes. The best cattle breeds in China are, however, the Zebu,

FRENCH INDO-CHINA.

Livestock Breeding in Annam.

When in the year 1836 French protection was established over the kingdom of Annam, the ports of the country were opened for European influence and since then it has steadily developed. The Annamese territory now comprises the ancient kingdom only, and is part of what is geographically called French Cochinchina, of which Cambodia and Tonking constitute the other important parts. The population is probably about 7,000,000 people and the area of the country 52,000 square miles. Cattle breeding is carried on extensively in some parts, the existing stock being indigenous and not of great value but here is a field for improvement through cross breeding. On many a farm where

cross breeding has been undertaken, chiefly with bulls of the French Normandy and Flemish races results are reported to be good. The Annamese horse is a valuable animal that could be much improved through selection and breeding. The Annamese natives are by no means so intractable as has been reported about them from time to time, but the difficulty in penetrating their minds and persuading them to adopt better methods in farming and live stock breeding is their abject superstition and a ridiculous veneration for the departed dead, a feeling that often assumes most objectionable forms.

Livestock Breeding in Cambodia.

This country, an ancient kingdom now under French protection is situated south east of Siam, and for the greater part consists of alluvial plains along the River Mekong which traverses the country from north to south. At Pnom penh this river gradually increases in water volume, finally forming a great lake which lies partly in Cambodia and partly in Siam, one of the most peculiar of all the lakes in the world, acting as a powerful water regulating reservoir. The climate is temperate and the soil exceedingly fertile. vanilla, cinnamon, pepper, cotton, tobacco etc. being the chief crops. Magnificent silk is produced and turned into lovely fabrics by the natives. The forests yield most valuable timber, and in this remarkable lake—Tonle sap—the fisheries have recently assumed very large dimensions and now supply a steadily expanding export trade. Wild animals such as tigers, leopards, elephants and the rhinoceros are a constant source of danger to domestic live stock and farmers alike. It is stated that the number of wild cattle now in the country is increasing, and as among the various strains of animals of quite good size and development are to be found it should be possible to round them up and have

them crossed with valuable bulls with a view of creating a grading up stock for a canning industry.

The population is small, probably scarcely more than 2,000,000, but the uncivilised tribes called Kiu, living in the more or less inaccessible mountains, may amount to several hundred thousand although a census has never been taken. At Pnom penh the capital, a number of live stock agents have settled during recent years and several among these are interested in the question of developing cattle breeding through imported bulls. The breeding of pigs and sheep is considerable but as no reliable estimate of the stock is obtainable, the number of these domestic animals can only be guessed.

Under the French Protectorate this still mediaeval kingdom seems to be increasing from year to year in prosperity, and the French Government are certainly exercising great efforts in developing farming and live stock breeding. Other important towns are Udong, Pnyalu, Sambor and the sea port of Kampot. Speaking generally, Cambodia is a country with a future for live stock breeding, a most interesting country in every way, with a population that has proved adaptable in many directions to modern requirements.

Livestock Breeding in Cochinchina.

The Indo-Chinese Union of countries, comprising Annam, Cambodia, Tonking, Laos and Cochinchina, covers a total area of 310,000 square miles. While in parts very populous in other parts the population is very scantily spread and it is a curious fact that where there are few people the stock of agricultural animals is the largest. In the Mekong Plains and along the Red River, a district containing nearly 26,300 square miles, with a population of nearly 10 million, i.e. almost half of the population of the whole country, the live stock is very sparse so that the inhabitants are compelled to import cattle for their maintenance and as the annual consumption is more than 800,000

head of cattle, the imports from other regions are considerable.

In Cochinchina, as stated, live stock breeding is neglected. The Government are however, lively awake to the fact that measures will have to be taken to increase the live stock and with this in view facilities are granted those who care to subject their breeding to the rules of the Veterinary Department, and regulations issued from time to time by the Epizootic Service. Breed material can be obtained on reasonable conditions through this Service, and as there are large regular cattle markets held weekly or fortnightly at all the important places all over the district,

stock breeder would never lack purchasers. Lower Cochinchina can best be described as a very broad, low-lying alluvial plain, which includes the lands in the very extensive river basin of Mekong. While much of this coast region is swampy, the tableland, at an elevation of 3 000 ft., is very fertile, and here is certainly an ideal country for the cattle breeder as the soil is of remarkable fertility, producing the most luxuriant pastures. The climate is probably unhealthy for Europeans in several parts, but on the tableland it is more bracing and European settlers who have

lived for many years in this region have no complaints to make. The population in this district is now about 1,200 000 of which at least nine tenths are Annamese, the rest being Cambodians and Chinese. The French Government have established a system of excellent schools spread over the country through which love for farming and live stock breeding is being impressed upon the school children. The buffalo is the chief farm animal and the export of buffalo hides one of the chief sources of income.

Livestock Breeding in Laos.

There is every indication that Laos is becoming a very important centre for the outlet of live stock products. This country has the smallest population and is the least cultivated region in the whole of Indo-China, but the live stock is here particularly valuable and of some considerable importance. As a centre from which regular shipments of cattle are directed to Tonking, Annam, Cambodia and Siam, Laos is growing in importance from year to year and the live stock salesmen here are doing a roaring business all the year round. The present stock of cattle is probably very much larger than officially stated—1 000 000 head—as in some of the districts belonging to Laos the last cattle census separately estimated the stocks at figures which taken, together, reach nearly 1,500 000 head. The best districts for breeding are Luang

Prabang, Sam Neua, Cammon and Tranninh where probably over 450 000 head of cattle could be rounded up, and in the Provinces of Pakse, Saravane and Savanaket the local estimates hold the stock to reach 800 000 head. Through the whole of Laos a plateau of tableland runs where remarkably good pasturage has for many years maintained very large herds of cattle, besides very large flocks of sheep. It is stated that the finest beef is produced in Tranninh. Very large herds of grazing pigs almost everywhere bear evidence to the old statement that Laos is one of the best pig breeding districts in Asia. The demand for pork many times outstrips the production and it is only surprising that live stock men in other countries have not yet had their eyes opened to the great possibilities in this respect in the country.

Livestock Breeding in Tonking.

Tonking (Tonkin) is divided into two districts, the Middle and the Upper Tonking both of which are peculiarly suitable for all kinds of live stock. Excellent horses are bred in a district known as Cao Bang while very good types of pigs are reared in the Provinces of Yen Bay, Bac Kan, Lang Son and Bac Giang, but although the number of pigs according to official estimates is large, the Chinese markets and also to a certain degree the Malay States are always prepared to absorb much larger quantities. Sheep breeding is a highly paying proposition in the Province of Son La where three breeds exist all of outstanding qualities, belonging to the fat tailed type, probably originating from China. All three types produce very good wool while the mutton is of an excellent taste. The total area of Tonking is 49 800 square miles. Prior to being annexed by France, it belonged geographically to the Kingdom of Annam and was administered as a Province. Most of this beautiful country is watered through the Red River and its tributaries. Without exception the soil is everywhere exceedingly fertile, and everything grows in abundance. The chief crops

are coffee, tobacco, hemp, cotton, and ramie, and Tonking is slowly developing as an industrial country. Thus a large number of well constructed silk, cotton and woollen mills have been established at the largest towns Hanoi and Haiphong, a circumstance that is in favour of extended live stock breeding as the consumption of meat and other animal products in these industrial towns is on the increase. Besides these factories, the number of breweries and distilleries, iron foundries, etc., is annually increasing, and the industrial workers are on the whole well paid and thus able to afford a better standard of living. The population in Tonking is now well over 10 millions. The influence to the good caused by the French Protectorate is now everywhere visible, and Tonking is developing in every respect and will probably become one of the highly industrialised countries on the Asian continent. All this makes for increased live stock breeding, and as the Department for Agriculture is anxious to develop this branch, the would be settler can reckon with assistance in various directions.

Prominent Breeders.

Directeur, "Service Vétérinaire de l'Annam," Hué, Annam
 Directeur, "Service Vétérinaire du Cambodge," Phnom Penh, Cambodge
 Directeur, "Service Vétérinaire de la Cochinchine," Saïgon.
 Directeur, "Service Vétérinaire du Laos," Vientiane.
 Directeur, "Service Vétérinaire du Tonkin," Hanoi, Tonkin
 Inspecteur Général Agriculture et Elevage, Hanoi, Tonkin
 Directeur, "Ecole Vétérinaire de l'Indochine," Hanoi, Tonkin
 President, "Comité Local de l'Elevage," Hanoi, Tonkin
 President, "Comité Local de l'Elevage," Hué, Annam
 President, "Comité Local de l'Elevage," Phnom Penh, Cambodge.
 President, "Comité Local de l'Elevage," Saïgon, Cochinchine
 Bonnafont, Phu Lang Thuong Tonkin, Breeder, Imp & Exp of Livestock
 Borel Ernest, Phu Ly Tonkin do
 Borel Marquis Son Tay, Tonkin do
 Dong loi —, Hone-Cohé, Province Nhatrang do
 Messrs. Elies Mathée Hanoi Tonkin do
 Guillaume, —, Phu Ly, Tonkin do

Kouang Thal, —, Tourane Breeder, Imp & Exp. of Livestock
 Kouang Yechi, —, Tourane do
 Lam A Binh, Cau-da & Bangol, Province Nha Trang do
 Lapicque, P. A. Haiphong, Tonkin do
 Lecomte, —, Phu Ly, Tonkin do
 Lol nam Long, —, Quinhon do
 Seulier P. A. Benthay, Annam do
 Société Agricole de Yen My Yo My, Thanh do
 Hoa, Annam do
 Tan Hoi Hung —, Cau-da & Bangol, do
 Province Nha Trang do
 Thoai xuong Thanh, —, Hone Cohé, do
 Province Nhatrang do
 Tong Ly Long, Tourane do
 Wilson, —, Avenue de Kampot, Phom- do
 Penh, Cambodia do
 Vinh Chông Seng —, Tourane do

IMPORTANT LIVESTOCK MARKETS

Town A Ha tinh Cattle market every 6 days Ann. turnover ab 8 000 head Important town for Livestock Sales
 Town Ba-don Province Quang Binh Cattle market every 10 days Ann turnover over 5 000 head of cattle Important town for Livestock Sales
 Town Cau Giát, Huýn de Quynh Lau Province Nghé an Cattle market every 10 days Ann turnover 3 500 head of cattle Important Town for Livestock Sales
 Town de Cho ban, Province Thanh Hoa Cattle market every 5 days Ann turnover 6 to 8 000 head Important town for Livestock Sales
 Town Cho-dén, Huýn de Nam-din Cattle market every 6 days Important town for Livestock Sales

Town Cho-ha, Phu de Duc tho, Province Hà tinh Cattle market every 6 days Ann turnover 6 000 head Important town for Livestock Sales
 Town Cho luong Phu de Anh son Cattle market every 6 days Important Town for Livestock Sales
 Town Cho Si, Phu de Diên Châu Cattle Sale every 6 days Important town for Livestock Sales
 Town Cho-thuong, Phu de Duc tho Province Hà tinh Cattle Market every 6 days Ann turnover 6 700 head Important town for Livestock Sales
 Town Thanh Hoa Province Thanh Hoa Cattle Market every day Ann turnover ab 30 32 000 head Important Town for Livestock Sales
 Town Vinh, Province Nghé an Cattle Market every 5 days Ann turn over 1 500 head Important town for Livestock Sales

Livestock Breeding in India.

The Live Stock in the Indian States comprises : cattle 26,240,000, sheep 12,000,000, horses 500,000.
 The Live Stock in British India comprises : cattle 11,732,500, sheep 22,282,000, horses 1,673,000

According to the latest census the population in British India reached about 247,000,000 and in the Indian States 72,000,000. British India is, of course, the territory which is administered directly by the British Indian Government, whereas the Indian States are sovereign, ruled by Indian Princes, advised by resident British officials. One of the remarkable features in India is the small percentage of people who reside in towns, as against about 92% in rural districts. There are only 33 towns with a population of more than 100,000. There is much political unrest in India. Under the operation of the Reform Act the burden of Administration has grown very heavy, and the task of the British Government is becoming more complex every year. Friction between Hindus and Moslems, and among the Hindus themselves caused by perpetual conflicts resulting from tradition of caste, and the growing dissatisfaction among the 60 million "untouchables" make the problem difficult. Probably only 15—20% of the whole population is literate. More than one hundred different languages are in use, and of these eleven are spoken by a population of more than ten million people. India is primarily a country of small holdings where the vast majority of the people cultivate farms of from 1—8 acres, while large holdings are practically unknown. Farming is carried on in the most primitive manner owing to lack of working capital. Extreme poverty takes away any incentive to save money to improve the land, or to obtain better tools and fencing, and owing

to his sluggish mentality and lack of education the Indian small-holder fails to grasp that improvement in his condition of life is possible. The co-operative movement among the rural population seems, however, to appeal to his imagination. In 1924 a Co-operative Credit Act was adopted providing for the creation of Credit Societies, and the number of these is now over 70,000, including Provincial and central Banks, Banking and Guarantee Unions, Insurance Societies, Agricultural Societies, etc., and the working capital of these now reaches 320 million Rs. Thus the co-operative movement is developing in many directions, such as lending money to members, purchasing live stock, seeds, machinery and tools; cattle insurance; co-operative marketing, etc. One of the existing evils is the sub-division of the land causing scattering of the holdings, obviously a serious impediment to agricultural progress. Probably 75% of these small agriculturists are not owners of the land they cultivate but hold it against rent collected by owners who are not farmers. Generally they are of poor physique, easily a prey to epidemics.

A matter of importance is the problem of future relations between the ruling Princes and the Indian Government. The Princes rule one third of India and one quarter of its population. It is recognised that closer political association must be established as both have the same economic interest in common.

The extension of Irrigation is another problem of magnitude. In the north enormous areas of

less land have been transformed into extremely fertile soil where now large populations are maintained. When the two large irrigation undertakings in the Sind and Sutley valley in the Punjab are completed, a district of 12,000,000 acres can be opened for cultivation. As Sind is rainless and one portion of the Punjab enjoys very little rain, the large quantities of water which in this manner will be brought to the parched soils of these Provinces should attract huge populations. Other projects for irrigation are under consideration and thus by degrees agricultural undertakings will be carried out from which benefit to large masses of people ought to counteract communist propaganda among the poor farmers.

To everybody travelling through rural India the generally wretched condition of the cattle is evident. The explanation is that for sentimental reasons the Indians never kill their cattle and therefore India is the only country in the world where no profit is derived from these. It is estimated that in the Bombay Presidency 25% of the cattle stock is perfectly valueless. So long as indiscriminate breeding is permitted and unfit animals never killed, it is clear that no improvement can take place. Among the general recommendations brought forward by the Director of Agriculture, Bombay, with a view of improving conditions the following points are noteworthy. The wandering professional breeder must disappear as he is constantly moving, cannot store any fodder, and as his number is steadily growing the country is gradually being filled up with these landless cattle men. The settler who breeds animals on his own land should be assisted and encouraged. In the grassland districts where extensive grass areas worth improvement can be found, facilities should be granted to erect buildings for storing of hay and silage. Bull breeding farms should be inaugurated with a view of providing good bulls in the diverse localities. Village Cattle Shows in the live stock breeding districts should be supported in every possible manner. Experts should be stationed where live stock breeding takes place to advise the small farmers and breeders.

The cattle breeds in India of which several have many inherent good qualities seem to deteriorate from year to year owing to the lack of skill on the part of the cattle breeders. The physical well being of the whole community in the country as well as in the towns is endangered through a permanent lack of safe and cheap dairy products resulting from inefficiency of the Indian milking cows; these cattle are weak and underfed but cannot be killed for sentimental reasons and thus a state of affairs exists that is almost intolerable. It is estimated that these useless cattle cost from 42s to 45s per head to maintain. Their average lifetime is six years and when they die the skin, horns and bones are worth about 10s. At the Pasteur Institute at Cooranoor in South India where the question of deficiency diseases has been under consideration, extensive material has been collected proving that the whole nation is subject to severe diseases owing to continuous malnutrition, but to enforce changes among an ignorant and super-

stitious people is difficult. The infant mortality in India is to-day higher than in any other country, due in a great measure to the lack of milk and very high prices. Some day conditions will change for the better when India will be open for stud animals of all kinds and categories and the improvement of the live stock will have to be undertaken throughout the country.

Of the cattle stock 22% is bred in the United Provinces, 16% in Madras, 15% in Bengal, 14% in Bihar and Orissa, 9% in the Punjab, 7% in the Central Provinces, 8% in Bombay and 7% in the other Provinces. As regards sheep 10% is bred in Bombay, 15% in the Punjab, 12% in Bihar and Orissa, 12% in Bengal, 13% in Madras and 16% in the United Provinces. Of the total acreage of India it is estimated that 427,100,000 acres are cultivated, of which 227,000,000 bear crops. This enormous acreage offers stupendous advantages to live stock breeding. The total area under irrigation is about 4½ million acres, of which 20 million are irrigated through a Government owned network of irrigation canals, 4 million acres are irrigated through privately owned systems, 11 million acres are watered through water wells, 6 million acres are irrigated through water tanks and 5,300,000 acres are kept under irrigation by means of many complicated smaller water systems.

Horse breeding in India is probably the only branch of live stock industry that merits expressions of approval. As a point of fact through the efforts of the National Horse Breeding Show Society and several other Horse Pony and Mule Breeding Associations, a steady improvement in the horse material is taking place. The importance of utilising a well thought out system in live stock breeding is pressing itself on the people, and the increasing number of Government Stud Farms, mostly under military supervision, have not failed to demonstrate to the Indian cultivator that valuable breeds can exist and yield good profits in India. Sheep breeding in the north west of India is assuming large proportions and the introduction of Merino rams for crossing the indigenous sheep has had a powerful influence on the local stock. Merino rams are being imported from Australia in increasing numbers. As for pig breeding, for sentimental reasons the pig is everywhere left to fend for itself.

Cross breeding through imported pure bred bulls with the native indigenous cattle has in many places proved most effective although it may be questionable whether this is a good policy as infusion of foreign blood in the long end must decrease the immunity against diseases. It will probably be found that the better plan is to keep the imported breeds entirely pure, to create their immunity through the simple process of survival of the fittest and to retain the pure blood breeds by periodical infusion from the same source of supply.

India has several very good indigenous breeds. Among these the following are probably the best.

The Decca cattle, small sized but compact and sturdy, excellent for light field work, lively, not easily managed.

Livestock Breeding in Iraq.

The Live Stock estimate for Iraq states cattle — sheep 5 058 000 pigs — , horses —

Iraq comprises the whole of the British Mandate territory known as the State of Iraq. This area of 116 511 sq miles contains firstly an alluvial plain stretching approximately two thirds of the length of the country. Secondly, an area of desert land largely accounted for by the Syrian and Northern Arabian deserts which forms practically the whole of the south west and of the western frontier. Thirdly an area of hilly country chiefly of a limestone nature forming the eastern and northern boundaries of Iraq and leading up to the higher hills and mountains of Persia on the east and Kurdistan and Asia Minor on the north. The climate of Iraq is sub tropical very little rain falling during the summer months. May and October are cool while November December January and February are comparatively cold wet overhead and muddy underfoot.

The Arab population of Iraq comprises the desert Bedouin tribes which are nomadic and the settled Arabs living within the irrigated areas of the Euphrates and Tigris mainly engaged in agriculture. Both however are breeders of horses sheep and goats and to a very much less degree cattle.

The chief tribes possessing good numbers of pure Arab horse strains at the present day are

Tribe	Location
Shammar Tribes	Tekrit to Mosul
Anaiza	Shamayah to Karbala
Azza	Diala
Dulaim	Ramadi
El bu Issa	Sammara
El bu Baz	
Zummar	Beled
El bu Faraj	
Dur yan	
Khash raj	Samaicha
Zoba	Feluja
Gurtan	Yusafia
El bu Am r	
El bu Badran	Mussayib
Hossaima	Diala
Jubore	Near Hillah
Obeid	Tauq

In addition to the tribal bred horses of good strain a fairly large number of exceptionally well bred animals is in the hands of the wealthy families of Baghdad Basrah Mosul etc. Unfortunately there is much in breeding and breeding from sires or dams which although undoubtedly of good lineage are suffering from some hereditary unsoundness.

Individuals who have done much to maintain the purity of strain of the Arab horse in Iraq at the present day are

H.M. King Faisal
H.E. Syed Mahmood Naqib of Baghdad

Ajl Pasha Head of the Shammar tribe
Fahad Beg el Haddad Head of the Anaiza Tribe
Daoud Beg D hagastani Baghdad and Suwayra
Sheikh Ali Suleman Head of the Dulaim Tribe
Sheikh Ali Kerim Head of the El bu Issa Tribe

There is at present no written Records or Stud book of Arab Pedigree horses in Iraq nevertheless Pedigree horses exist the histories of the various sires and dams being handed down from father to son so that in the desert the average Sheikh can give a fairly accurate account of the Pedigree of his own or his neighbours horses. A similar record of horses Pedigrees exists in the well known families of old standing thus Daoud Beg D hagastani or Sheikh Ali Suleman are regarded as competent authorities to certify the genuineness of the breed of a certain horse.

The certificate given generally takes the following form

We the undersigned certify by the name of
God who is always truthful that chestnut mare
4 years Broad Star Blaze snp near hind etc
purchased by _____ from _____
for Rs 1 000/ (Rupees one thousand only) is from
Asil or Pedigree family Her mother is Kehileh—
Father is Saqlawi Jidran

(Seals) Seal of the Sheikh or
Headman of the Tribe

A word of warning may well be added here in connection with the buying of so called high bred Arabs in Baghdad or outside towns. The Arab horse dealer in general can soon compound and get his friends to certify that a certain horse is of the highest blood in the land the furnished certificate with its numerous seals looking quite imposing enough to deceive the visitor to Iraq in search of horses. The truth about these certificates however is that they are often worthless. This does not mean that every horse dealer in Iraq is a rogue as some of them can be trusted implicitly.

The main strains of pure-bred Arab horses existing in Iraq to-day are

1 Kehilan	(Feminine) Kehileh
2 Saqlawi	Saqlawich
3 Abeyan	Abeyeh
4 Hamdani	Ham luvich
5 Hadban	Hadbah

These five strains have got sub strains such as Kehilan Ajiz Saqlawich Jidran Abeyan Shamrak Hamdani Simri Hadban In Zili and other combinations relating to some prominent mare which has left her impression on her descendants. The following sub-strains exist in Iraq Tweedie in his "Arabian horse his country and his people" at different list. The sub-strains

however, are those only which are known to exist in the country at the present day

1	Kehulan	Abu-Zunub
"	"	Ajuz
"	"	Darwish
"	"	Daj jan
"	"	Naw-wak
"	"	Ab bud
"	"	Dukhi
"	"	Abu mar raf
"	"	Manjoola
"	"	Subeylae
"	"	Gha-Za-lan
2	Saglawi	Ibn-Ju baina
"	"	Jidran
"	"	El Abid
"	"	Dhibyan
"	"	Ar-Kabi
"	"	Hassan Talal
"	"	Jidran-Talal
"	"	Jin A-Zal
3	Abeyan	Sharrak
"	"	Suhaimi
"	"	Kha-rish
"	"	Al dhahi
"	"	Ganj
"	"	Sha-ha tae
"	"	Khalas
"	"	Saeyar
"	"	Shehlae
4	Hamdan	Simri
"	"	Jishi
"	"	Fadlae
5	Hadhan	In-zu hi
"	"	Farah

In addition to the five choicest strains mentioned above there exist further strains enumerated below. These are believed by many of the Arabs to be equally as good as the five strains already mentioned

1	Managhi	Feminine	Managhieh
2	Jilfan	"	Jilfah
3	Abu Argub	"	Um Argub
4	Dhaman	"	Dhama
5	Soodan	"	Soada
6	Shu waiman	"	Shu-waima
7	Tuwaissen	"	Tuwaissa
8	Samhan	"	Samha
9	Rabdan	"	Rabda
10	Rishan	"	Risha
11	Wadhan	"	Wadna
12	Kubai shan	"	Kubai-Sha
13	Jaithni	"	Jaithnich

The above strains have again got sub-strains such as :

1	Managhi	Slugi
"	"	Hadraji
"	"	Sufi
"	"	Subeylae
2	Jilfan	Esh Hawa
3	Abu Argub Al	Abdab

4.	Dhaman	Abu-A-mir
"	"	Khu-Mai-is
"	"	Mujali
"	"	Latfi
5	Soodan	Tau-Kan
"	"	Haub
6	Shu-Waiman	Sab Bah
"	"	Za-hi
7	Tuwaissen	Al-Kami
8	Samhan	Al Hafi
9	Rabdan	Zal la
"	"	Shai bi
10	Rishan	Sharabi
11	Wadhan	Khur-san
12	Kubai shan	Umair
13	Jaithni	Abu Rumaeth

The horse breeders of the Desert will rarely part with their mares, especially if they are descendants of the Asil family, if they do so at all, they will part only with a half share or sell a leg of the horse. However, inferior bred mares can be readily bought.

The Arab gives much more preference to mares than horses, and feels it beyond his dignity to ride a horse. It is a common sight in Baghdad to see a notable of high family riding an extremely breedy looking animal in the streets, and it will always be observed that he is riding a mare and not a horse. The tribal Sheikh on any occasion of formality invariably rides a mare, considering that his prestige would be damaged should he appear on a horse. The Iraq Arab horse as he is to-day is generally of small type, exceptionally exceeding 14-2 in height. In recent years, however, through whimsical crossing among the choicest strains, the height of the Arab horse has been improved; now Arab horses of 15 hands height or even more are available in Iraq in good numbers. Arab horses bred and reared along the Euphrates and Tigris are stronger than the horses of neighbouring countries, possibly due to the better climate. Perhaps there is also much in the Arab idea that the muddy though wholesome water of Euphrates and Tigris, and the type of barley produced plays a large part. It is known from the records of Darney that his Arab horse as a four-year-old was about 15 hands high, an instance of a horse originating from the desert west of the Euphrates. All the Arab horses racing in India at present day are from Iraq. Incidentally, the idea that an Arab horse cannot be taught to jump well is wrong.

Chestnut, Bay, Roan and Steel, and Iron Greys are the most favourite colours, and supposed to be the favourite colours among Asil horses; but other colours are also traceable. Piebald, Skewbald, and Cream colours are exceptionally rare in Iraq.

Chestnut horses with a broad star, blaze, snip and all four white are liked by Arabs and considered by them to be very lucky. They are known in Arabic as "Panch Kalan".

As regards breeds of horses in the Kurdistan areas of Iraq—although it is probable that most of the rich families could produce a Pedigree horse of long-standing reputation, generally the breed has degenerated.

due to bad selection of stallions. Kurds however are considered by the Arabs to be advanced horse breeders and breed horses in good numbers. Kurdish horses of the present day are coarse strongly built and are generally used for pack purposes. They are good trekkers and possess strong legs and feet. No horse of Kurdish origin has been recorded to have shown prominence on the Turf either in Iraq, India or any other part of the world.

For the last five years efforts have been made to purchase high class Cavalry horses for the Iraq army but comparatively few pure bred horses could be purchased. Those purchased are in majority of Arab mixed breed while a few are of Kurd type.

The desert Arabs and some notables of high standing are particular in selecting sires from the best strains for their mares but unfortunately owing to the great demand and high prices paid outside Iraq for stallions as compared with mares there are comparatively few well bred sires available to them. It is known that a first class sire is on an average put to three or more mares a day. Less well bred mares are sent to indifferent sires. Undoubtedly apart from breeding good looks and soundness are the first and most desirable requisites in a sire in this country however the Arabs attach little value to soundness giving preference over any other feature to the animal's breed. It is often found that a well known Asil sire in Iraq has got spavins faulty conformation or some other undesirable defects yet his use as a sire is not discontinued.

In breeding is not discouraged at all to the extent it should be and nowadays it is quite common to find in one Pedigree stable a mating of several members of the same family. The main points observed in the Arab's system of breeding are simply that a Pedigree mare be put to a Pedigree stallion and the more reputed the stallion is the better.

It is quite evident that the breeding of Arab horses has been neglected for a long time. Especially in the last thirty years and during the Great War a good deal of mixing of blood has been going on. This has come about by the gradual introduction of foreign blood in attempts to improve the size. Thus prior to the war Turcoman and foreign sires and mares were used and during the war many Austral, English and Indian country bred mares produced foals from Arab pony sires. In an attempt to improve the breed and restore the prestige of the Arab horse especially in respect to his value for racing purposes which incidentally increases his value for foreign markets an Arab Horse Stud Book has recently been inaugurated by the Iraq Turf Club and since there are undoubtedly many cross breeds in the country after the war only those mares, horses and foals that are beyond suspicion as to their pure Arab breed are registered.

During the war many military race meetings were held throughout Iraq the general idea greatly captured the Arab fancy and led to the inception of the Iraq Turf Club established for the racing of pure bred Arabs. This gave a great impetus to more careful breeding in the tribes. It was found however that

when the best Pedigree sires of Arab repute were put to Stud work they were often pronounced failures in getting foals of racing ability but some few proved to be winners and are now considered by racing enthusiasts to be the best sires in the country.

For example the Sire

- | | |
|-----------------------------|------------------|
| (1) Kehilan Naw waq got | a Jafer Tair |
| | b Young Sadiyan |
| | c Salam |
| | d Raja |
| | e Collingwood |
| | f Mallik U Zaman |
| (2) Jaithai Abu Rumaeth got | a Ghasaeba |
| | b Ras el Hawah |
| | c Shoga |
| | d Faeza |
| | e Misna |
| | f Gentle Lady |
| | g Walika |
| | h Bay Ronald |
| | i Nurmahal |

These horses repeatedly won and are now all in the first division some in Iraq and some running in India. On the other hand previous to the start of racing many pure bred sires which the Arabs placed among the best sires in the country were found to produce horses useless for either long or short races. It must be admitted however that some of the best horses from the racing point of view have arisen from inferior bred stock as for instance Silver Dawn (considered to be one of the best race horses in this country) only from the obscurity of his origin is to be presumed that there must have been numerous crosses of good strains somewhere in his family prior to his being proved to be a first class race horse. This could have been brought to light had there been any system of keeping records of Pedigree horses and their subsequent descendants. It is a pity that a country like Iraq possessing such good Pedigrees devised no more definite means of keeping records of these Asils or pure breeds.

It has already been mentioned that after the war some of the English and Australian mares were crossed by Arab stallions the offspring of these though improved in size are undoubtedly coarser than any Arab and there would be little difficulty in picking out such a coarse long headed cross from a well bred Arab. The reasons for this many firstly the English and Australian in this country were not thoroughbreds the climate of this country does not suit being generally observed that after a stay of in this country very many gradually lose and vitality at the same time it is the Arabs used any really high blood above purpose.

Stallions are generally used for age of 3-4 years, while mares are used for stud purpose when re-

Recently some of the Arab have been exported from Iraq

England Arab horses find a ready market in India. Every year an average of four hundred horses are exported from this country to India the majority for racing purposes. The greater percentage of these horses are of well known Pedigree. Horses with racing abilities are generally sold at an average price of Rs 4000. It is worth mentioning that only stallions are esteemed by the race horse owners in India. Mares which were fast in Iraq have proved failures in India possibly losing their racing power on account of climatic influence.

Mares are served at any season of the year. Mares and foals are generally turned loose in the open all day long. With freedom exercise open and fresh air colts and fillies harden their legs and constitution and grow muscles instead of fat. Stallions with good temper are also let loose but both fore legs are hobbled and the bad tempered ones are kept tied up with a long rope away from the others. In the night they are shackled before and behind. Only during extreme cold weather are they picketed under a camel hair tent.

The staple foods for Arab horses in this country are barley and Bhoosa (i.e. chopped barley straw) and when it is available they are fed with lucerne and green grass. 10-12 lbs of barley and 12 to 15 lbs of Bhoosa considered to be sufficient for an Arab horse doing ordinary physical work.

Foals are generally weaned after 71 days and allowed free grazing in the blue. The colts are in some cases used for ploughing purposes with the result that they suffer from growing together of the vertebrae which affects them in after life.

The chief evidence of the identification of *Asil* or pure bred horse among the Arabs is the oral tradition. Foreigners might think that there is vast difference in looks between a Kidish or cross bred and a Khailan or pure breed but the Arabs never discriminate between them by the eye alone. When a horse is produced to an Arab which he has not seen before he will ask at once about his dam and sire. He never assumes the Pedigree from the appearance nor attaches any importance to the statements given about the origin unless supported by a written document signed by Sheikh of a Tribe whose integrity is known to him with seals of some reputed witnesses likewise known to him. There can be little doubt that in other countries a flaring Kidish purchased from Iraq and fitted with an *Asil* name and long Pedigree by some fraudulent Arab horse dealer is often employed for breeding purposes and in such cases it is only reasonable to expect that the produce turns out worse than the original stock.

Of native Iraq cattle there are only two breeds the Zuberwieh and the Raquah both of which can be truthfully said to be poor type badly nourished and with little milk. The Zuberwieh cattle however are much the superior of the two and their place of origin is said to be Koweit on the Persian Gulf but unfortunately there are comparatively few of this breed in the country. The main use of the Iraqi cattle is for ploughing but they have the advantage of being able to exist on very little food. Hence they are found in areas where it would be impossible to keep other types of cattle.

Attempts to improve the Iraq stock were carried out during and after the war. During the years 1917-1919 approximately three thousand five hundred Indian bred cattle of Sindi and Nansi breeds were imported by the British military authorities to meet their demands for dairy produce and supply to the military hospital. These animals were of the same breeds that the Indian Government official farms stock and their selection was the work of experienced officials of the Indian Farms Department.

The Sindi cattle are of a thick set type and average about nine hundred pounds body weight. Owing to combination of hardiness and reasonable milking qualities they were highly successful in withstanding the climatic conditions of Iraq. A fair average milk yield per lactation period for these animals would be eleven thousand pounds.

During the year 1919 the Military Farms Authorities acting on Indian advice and with a view to the further improvements of the dairy stock in Iraq imported sixteen Ayrshire bulls of known milking strains. These bulls crossed with the Indian breeds have produced an extremely useful type of dairy animal capable of producing up to sixteen thousand pounds of milk per lactation period and at the same time able to withstand well the climate of Iraq.

These half breeds are of a true Ayrshire type having lost the hump of the Indian breeds, and average twelve hundred pounds body weight.

The year 1921 saw the break of the Military Farms Department and the whole of their stock was bought by H.M. King Faisal and a British Dairying Company known as the Baghdad Farms and Dairy Company. At the time of writing it is estimated that there are approximately six hundred half breed Ayrshire cattle in the country and so far the information in regard to the future crossing of these cattle is most disappointing as a further Ayrshire cross results in a reversion to the type of the original Indian stock complete with hump.

No details are as yet available with regard to the milking qualities of this three quarter breed but it is to be anticipated that results here will correspond to those already obtained in India i.e. an extremely low milk yield.

The Arabs from time immemorial have pursued their own primitive methods and little or no attempt has been made to improve the cattle which are diminutive in size and very poor milk producers.

Indiscriminate mating is the rule. Castration of undesirable bulls has been introduced by the Veterinary Department and is being appreciated by the Arabs.

Water Buffaloes of fairly good varieties are bred and reared by the Arabs. They exist in large numbers throughout the country especially in the Midan Tribes of Amara. They are good milk producers.

Iraq including Kurdistan is a good sheep breeding country and there is no reason why its wealth should not be intensified through the adoption of modern methods of breeding and shearing. Though the country

possesses fairly good varieties of sheep there is a vast field for improvement by the introduction of foreign varieties

The following breeds of sheep are common in Iraq

EL AWAS—This variety of sheep was originally imported from Syria They are now available in Iraq among the Aniza Zuriyeh and Azza Tribes and are considered to be the best breed in the country They are of medium size and strong build 3 feet in height with ears 4 inches long The tail weighs about 15 lbs and is approximately 13 inches in length and 12 inches broad The wool is soft generally 7 inches long Each sheep produces 14 to 15 lbs of wool per year They are good milkers yielding 5–6 lbs of milk per day The mutton is excellent They reach 90–100 lbs in weight Colour is invariably white

NAIMI—These resemble the above variety except that they are somewhat smaller in size and hornless This breed is found in Kirkbuk Arbil Mosul and also among Aniza and Azza Tribes

ASHFAL—This variety is supposed to be the indigenous breed of Iraq available everywhere from Baghdad to Basra They are generally of black or brown colour and smaller than the above varieties possessing small ears and a fat tail 60 to 80 lbs in body weight The ewes yield about 3 lbs of milk per day

KARADI—These are a Kurdistan breed chiefly distinguished by their long ears 6–7 inches The neck is 1½ feet long and the body well developed They have a fat tail 16 to 14 inches in length The wool is long and coarse and used chiefly for making carpets and other heavy materials This breed is brown and dark chestnut in colour reaching 100–120 lbs in body weight Ewes give 4–5 lbs of milk per day

NAJDI—This variety is scarce in Iraq and imported from Najad and found only around Karbala They are the biggest of all varieties with long neck and body hornless the colour black with complete or partial white face tail very long measuring 18 inches in length and 10 inches in breadth tapering at the end They

reach 110 to 125 lbs in body weight The ewes produce 6–8 lbs of milk per day Unfortunately this variety cannot stand the climate and generally dies after a stay of 2 or 3 years in this country

A sixth variety occurs at Rowanduz and is owned by Sayed Taha the Qaimmaq known as Qara Goz Adamı The variety was obtained by his father from Jabel Ararat from the Russians At present there are about 200 sheep These live and thrive well in the colder climate prevalent in the hilly districts of Rowanduz They are slightly smaller in size than the Karadi variety Their eyes are encircled with a black spot hence the name Qara Goz (Turkish—Qara Black and Goz eye) The general shape of the body is wedge shaped wide at the buttocks tapering towards the shoulders The loins are slightly taller than the withers the head comparatively small and the neck medium The legs are thin and strong feet black The fat tail is rather small The whole body is covered by a silky white fleece The mouth is small and lips and nose covered black

Angora goats are scattered all over the country the hair being largely used for making Kurd costumes

The hair of the indigenous Iraqi goat is very coarse and used mainly for the Bedouin tents They are pastured along with sheep and thrive well

The Arabs pasture their flocks in the desert changing from place to place as the food supply gives out In Kurdistan the flocks are pastured in the villages outside the towns during the winter and spring About June they leave the valleys and trek to the mountains for summer pastures from which they return in September There are big markets for sheep and goats sheep dealers from Syria visiting yearly and purchasing a big number for export

Mules are bred both by Arabs and Kurds These mules are of small type and not up to the standard generally required for military purposes They are ordinarily used for pack and plough

The best mules are bred in the hilly areas around Khanaqin and on the foot hills of Badra

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Livestock Breeding in Japan.

The Live Stock estimate for Japan states cattle 1,471,000, sheep 14,000, pigs 672,000, horses 1,592,000

The Japanese Empire comprises more than 4,000 Islands, chief among them being the Yezo (Hokkaido) the Honshu the Shikoku and the Kiu Shu. The total area is close on 237,000 square miles with a population of nearly 76.5 million, or 322 people to the square mile. The staple cereals are rye, barley and rice. While the climate is tropical in the south, snow falls in the main islands during the winter. The absolute maximum temperature is 98° and the minimum 15°. The rainfall is abundant. In live stock breeding as in so many other spheres of Japanese life, great strides have been made lately and much attention is paid to improving the existing breeds, partly by in-breeding and selection and partly through the importation of Pedigree strains of horses, cattle, sheep and pigs. The Ministry of Agriculture has lately reorganised the Husbandry Department and through adopting modern methods in breeding it is hoped to improve the native live stock within a reasonable time. The Department of Agriculture embraces four general departments: i.e. for agriculture—'Nomul Kyoku', for animal husbandry—'Chikusan Kyoku', for forest—'Sangan Kyoku' and for water cultivation—'Suisan Kyoku'. Another department for rice cultivation—'Beiko Ku Jimusha'—is perhaps the most important function of the Ministry of Agriculture. The Zootechnical Department is divided into three Sections—for zootechnical purposes for horse breeding, and for cattle breeding.

At the Sapporo College at Sapporo in the Hokkaido working under the Imperial University faculties have been inaugurated for Agronomy, Genetics, Biology, etc. and lately University Demonstration Farms have been established in various parts of the country the total acreage for experiments reaching nearly 16,000 acres.

Commencing in the year 1872 the Agricultural College has slowly developed as an Institute for training young men in the science of agriculture and live stock breeding. Since 1918 when the Hokkaido Imperial University was formed through an Imperial Ordinance with a faculty of Agriculture men prominent in their spheres have been engaged as demonstrators, lecturers, assistants etc. and the Institute is now developing on entirely practical and modern lines. At the various Zootechnical Experiment Stations—'Chikusanshu Kenjo'—experiments in cattle breeding are being carried on, the idea being through experiments to discover which types or breeds may in the long run be most suitable for Japanese conditions. It is aimed at developing these Zootechnical Stations to be Depots, spread all over the country, for the maintenance of bulls, stallions, boars and rams for service on the local live stock. A number of Breed Associations—'Chikusan Kumiai'—have been formed or are in the course of formation and much good is expected to result from these as soon as experience has been gained. To the Department of Agriculture power has recently been given to take all such steps

that may lead to a general improvement in live stock breeding—the importation and maintenance of suitable types of live stock and the granting of monetary assistance with a view of encouraging the imports of suitable breeds. An Association, interesting in its sphere of activities, is the recently formed 'Japanese Association for the Advancement of Science' at the Kyusku Imperial University at Fukuoka, live stock breeding being one of its objects. Here the 'Journal of the Department of Agriculture' is being published. Through the Central Federation of Breed Associations—'Chikusan-Kumiai-Rengokwai'—the smaller farmers' attention is drawn to the value of utilising Pedigree animals and the danger of breeding off scrub animals, and well-known experts are available for consultations whenever so required. The principal Agricultural Colleges, besides the Sapporo, are the following:

The Kagoshima Imperial College of Agriculture at Kagoshima under management of Mr. S. Za Horie.
The Agricultural Experimental Station at Nishigahara Tokyo, under management of Dr. M. Imai.
The Live Stock Breeding Experimental Station at Shigaoka Tokyo under management of Dr. Seki.
The Institute for Training Agricultural Teachers at the Agricultural College of Kōnosaka Tokyo, under management of Dr. H. Takahashi.

The chief Agricultural Associations are

Daishon Nōka at Tanabe, Akasaka Ku Tokyo for agricultural purposes.
The Central Domestic Animals Society—Chuo Chikusan Kai at Uchiyama-shi Chō Kōmyōmachō, Ku Tokyo.

As milk production is being encouraged by the Government, it is interesting to note that there are now about 20,000 pure bred Friesian cattle, nearly all of which have reliable Pedigrees. The total number of dairy cattle in Japan may be estimated at 125,000 of which 82% are stated to be more or less of Friesian blood. Sheep breeding long neglected, is given more attention and experts hold the opinion that the sheep raising industry will be given more encouragement by the Department of Agriculture than any other branch of live stock breeding. Among the most notable Live Stock farms in Japan the following should be mentioned—

K. mura Bokuso	at Shiroshi Mura Sapporo Gun Hokkaido
Hokkaido Shuei Kyojo	Toyohira Mura Sapporo Gun Hokkaido
Hyogo Ken Shuei Kyojo	Takao Mura Sukuma Gun Hyogo
	Prefecture
Nagata Ken Shuei Kyojo	Matsuyama Mura Mimami Kambara Gun
	Nagata Prefecture
K. wai Nojo	Shikoku Sh. Iwate Gun Iwate Prefecture
Hotta Nojo	Hokkaido
Abe Nojo	Kanazawa City Ishikawa Prefecture
Ch. ba Ken Shuei Kyojo	Maru Mura Awa Gun, Ch. ba Prefecture
Okavama Ken Shuei Kyojo	Izumi Mura Mitsu Gun Okayama Prefecture
The Hokkaido Cho	Sapporo Hokkaido
K. ka Machimura Eto	Tamagawa Mura Ishikawa Gun Hokkaido
Ye. aburo Kurahara Eto	4000 Yaguchi Dai Negishi Machi Yokohama
Ito Ch. Uyemura Eto	Hanayama Machi Nara City Nara Prefecture
Sh. njo Sh. gata Eto	Tonopouke Mura Toyooka Gun Osaka Fu
Baron H. saya Iwasaki	Yushima Hongo Ku Tokyo

The Chief Japanese Live Stock Commissioner to whom correspondence concerning live stock breeding and matters connected with imports of Pedigree animals into Japan should be addressed c/o Ministry of Agriculture is stationed at Tokyo, the present holder of the office being Mr. Issa Tanmura.

The principal firm of Pedigree Live Stock Importers is that of Messrs Nosawa & Company, address Nihon Kogyo Ginko, Maru no uchi, Tokyo.

Livestock Breeding in Java and Sumatra.

The Live Stock estimate for these and the other small Islands which constitute the Netherland East Indies states

Java and Madoera	Head of cattle etc	Timor Bali Lombok Flores Soembawa Savoe Benkoelen Celebes and Sumatra
3 478,399	Cattle	833,207
2,201 419	Buffaloes	1 119 074
98,211	Pigs	842,346
1,291 677	Sheep	120 609
2,200 924	Goats	538,505

It is an interesting fact that in the group of Islands constituting the Netherland East Indies, live stock breeding is the most important factor in the occupation of the native population perhaps even more than agriculture. However it is noticeable that the horse population in both Java and Madura shows a tendency to decrease, a circumstance that is of some importance, the explanation of which is still lacking. On the other hand, cattle breeding is steadily increasing, and so is pig breeding. In what the Dutch call the "Outer Islands"—Timor, Bali, Lombok Flores Soembawa Savoe, Benkoelen Celebes and Sumatra—live stock breeding is chiefly maintained for the Export Trade as proved by the fact that the annual Exports of bulls from Madura amount to some 60 000 head while from Bali some 35 000 head are shipped all the year round to other countries. To day the Bali and the Madura cattle are pure bred and rank among the best of the various cattle raised in these Islands. The Natives have a shrewd eye for the advantages through crossing their cattle by bulls of outstanding merits and it is probably correct to state that everywhere the indigenous breeds are now being crossed by Hissar and Ongole bulls, with a view of increasing live weight for slaughter as well as for draught purposes. The Ongole cattle are chiefly bred in Soemba and the Hissar cattle in Soembawa. The Dutch farmers however, are chiefly using dairy cattle imported from Holland and Australia but Friesian cattle are now being bred in steadily increasing numbers from stock constantly recruited from Europe. The Water Buffalo is increasing in number every year, owing to the fact that he thrives better in swampy clayey ground.

The smaller domestic animals, like pigs goats and sheep are much cherished by the natives, and their economic value to the household is much appreciated. Undoubtedly pig breeding will become one of the most attractive branches of the live stock industry, and in this respect there is much to be done by means of imported stock. The native pig is small in structure and unattractive but on the other hand it is self supporting in every sense of the word. The quantities of exported pigs from Bali and Lombok are increasing the pigs being especially fattened for the export trade. The annual export figures may be estimated at 1 000 hogs from Bali alone. In these Islands the num of

pig farms is increasing, and here the Industry is in the hands of the natives, and not the Chinese.

The principal breeds raised in the Netherland East Indies are

CATTLE Balinese, Madurese, Javanese, Sumatra Batak, and Achinese cattle Zebu Breeds Ongole Hissar European and Australian Breeds Dutch Friesian, Ayrshire, Jersey, Shorthorn and Hereford cattle

As regards HORSES the following distinctly different breeds are reared the Sandalwood horse, a beautiful highly valuable horse, and the best breed in the Islands, the Soenda—chiefly bred in the Timor, Roti, Flores Lombok Soembawa and Bali Islands. A great number of horses are imported from Australia.

As regards SHEEP The indigenous sheep is predominating. Among other native breeds, mention should here be made of the following three very good types, the Donggala, the Madoura, and the Preanger sheep.

PIGS—The Bali pigs exist in great numbers, as already stated. Among imported pigs, the Berkshire pig, the Tamworth and the Middle White Yorkshire are most in vogue. Here and there, the improved German Landrace pig is likewise to be observed.

Generally speaking the live stock in the Islands is steadily improving, thanks to the unceasing care and attention paid by the Government. Contagious diseases once so rampant are slowly stamped out and the Chief of the Veterinary Service, who resides at Buitenzorg, in the Island of Java, exercises control of the Veterinary Service all over the Islands, where the work is divided into four Sections of control each under direct supervision of an Inspector, who takes his instructions from the Chief. These Inspectors are highly skilled and have under their supervision Veterinary Surgeons most of whom have graduated from the University of Utrecht. Of these four sections the first includes the entire eastern part of the Island group with Macassar as seat of the Inspection the district also including the Southern and Eastern part of Borneo. The second Section, with Sourabaya as headquarters comprises Madoura the eastern part of Java and a number of Islands. The third sectional Inspectorate centre at Bandoung, comprises West Java, etc.; while the fourth section, with Fort de Kock as centre includes Sumatra and the surrounding Islands, and the whole of the western part of Borneo. It will thus be seen that the Dutch Government are controlling the health of the live stock by means of a well-established net of Veterinary Inspectors. Some sixty to seventy Dutch Veterinary Officers are devoting all their time to the live stock industry, while over one hundred native assistants and some fifty clerks are stationed all over the country, directly responsible to the surgeons.

An interesting system exists all over the in regard to the movement of cattle. The

head can be sold or moved from one place to another unless it carries a "passport" signed by the responsible officer in the village—a system that works wonderfully well, and aims at making cattle stealing impossible. Live stock breeding is chiefly centered in the Islands of Java and Bali, for which reason they are mentioned as "Cattle Districts," in comparison with the Islands of Sumatra, Celebes, Borneo Lombok Soemba, Flores, and Timor where the Buffalo dominates and therefore are called "Buffalo Country." Originally, it is held and probably correctly, all the cattle now spread over the many Islands came from Banteng in the Sunda Islands. Here the cattle are still living in the natural conditions roaming about, as a rule in herds of five to six cows with one bull. They are perfectly wild, very shy, and considered capital sport for the huntsman.

The various degrees of attention paid to cattle breeding in the different Islands signify the love, or otherwise felt by the natives towards domestic animals. Thus the Javanese hold that live stock should maintain itself without any capital or care bestowed on them and therefore more often than not they neglect them. The Madurese on the other hand, love their animals, treat them well, keep them in stables during the hottest time of the day and hold that no feed is good enough. Being more intelligent they early came to the conclusion that the qualities of live stock could only be maintained and improved upon through systematic crossing with prominent bulls. The colour of the cattle is everywhere the same, dark brown. Generally the size of the cows is 1 to 1.15 m., while bulls reach 1.20 to 1.25 m. In Madoera, however, the bulls are better developed and of larger size 1.36 to 1.5 m. often being reached. The average weight of a milking cow is 300 kilos. For the sake of milk production the average cow only calves once in two years. The best slaughter cattle are produced in the Island of Madoera from which every year from 50 000 to 65 000 head are exported to Java this live stock trade being perhaps the most important source of income. In Madoera the total cattle stock is probably near 800 000 head and there are many villages where from 800 to 1 000 head are kept and owned by the villagers. The hides are partly tanned in the islands where there are some European owned tanneries partly exported to Europe. Without the slightest doubt, the Island of Madoera with its two million inhabitants and an area of nearly 450 000 hectares will become a very important live stock breeding centre. Speaking administratively, the Island belongs to Java, and is counted as one of the seventeen Provinces under the Javanese Government. The average native peasant is the owner of three to five head of cattle, not seldom up to ten and twelve depending on his personal interest in live stock breeding and the personal attention he may pay to his animals. It is however not uncommon in the more prosperous villages to find natives who rear from 40 to 125 head of cattle or Water Buffaloes.

The total number of milk cows in the island of Java may be assessed at six thousand including those belonging to Europeans. This relatively small number

explains why such large quantities of condensed and sterilised milk are yearly imported into Java. Butter and cheese are not manufactured, curiously enough, as the making of these every-day requirements should be a paying proposition. However, although slowly the dairy industry is expanding and the number of European cattle, chiefly Friesians from Holland seems to testify to an increasing interest in an industry that certainly should become flourishing as years pass by. The main point is of course, the question of acquiring and maintaining first class breeding bulls. Their scarcity explains, no doubt, why native live stock breeding is on a low level.

On the East Coast of Sumatra where there is a great number of farms belonging to European owners the Zebu is very much in vogue here called Bengal cattle. In the Medan district a considerable number of pure bred Friesian cattle are kept at the Plantations, and a very fine stock indeed is to be seen in the neighbourhood.

As already stated horse breeding in these Islands has not been increasing of late for reasons not satisfactorily explained. Many good horses are bred here and it is probably true as stated by many Dutch investigators that the best types came originally from Arabian progenitors. The stock of horses is spread over the Islands of Celebes Soembawa Flores, Timor and Bali and probably the total stock in these Islands is well over one quarter of a million. For the sake of comparison it might here be mentioned that the total stock of horses in Holland is not very much larger. The average height of these Island horses is scarcely more than 1.33 m., more often than not below 1.23 m. The celebrated Sandalwood horse averages a height of 1.25 m. Considerable numbers are exported every year. In Sumatra the Batak horse is held to be a splendid horse for all round purposes, and this is the horse chiefly utilised by the Colonial Government, and much attention is now being paid to improvement of the breed. On the Island of Java the Preanger horse is held in great esteem by the natives and Europeans alike. He is remarkably endurable easily fed and of a pleasing temperament and appearance. Australian stallions have been imported and used for improvements, however, without significant success. The Government maintain, on the other hand, a number of from 75 to 85 Sandel stallions and the mark these are setting on the progeny is noticeable. These Sandel—or perhaps more correctly Sandalwood horses are the best and finest of all the horses raised in these islands. They originate from the Island Soemba, and the export of this beautiful animal, between two thousand and 2 500, is the chief source of income for the island. The stallions measure 1.26 to 1.35 m. and the brood mares from 1.24 to 1.27 m. Lately the Government have placed a number for service in the Island of Sumatra.

Sheep breeding is rather neglected, although the number is sufficiently important to warrant more attention being paid. According to Government estimates, the total number of sheep over all the islands might

be assessed at 2½ millions. As regards goats, the Government estimates are 3 millions. Even the smallest and most unimportant among the peasants is anxious to keep one or two sheep, stabling them as a rule over night in a kind of bamboo hut, raised one to two feet with a view of keeping the wool clean from dirt. The natives are as a rule fond of mutton, and the wool is a not inconsiderable source of income for the women. It is remarkable that wild sheep never existed in these islands.

As regards pig breeding, only black pigs seem to thrive. The Berkshire pig should undoubtedly find a great demand as and when its merits could be appre-

ciated. All the islands are full of indigenous pigs which cause much damage to Plantations. The number of domesticated pigs is scarcely more than round about one million, probably owing to the fact that the Mohammedan population despise this animal. The export of fattened pigs, chiefly to Singapore, is a not unimportant source of income, the Bali Island being the chief source of supply. The cruel Chinese methods of packing live pigs in crates, keeping them there often three to four days without food and water, is here still in vogue.

It is probable that live stock breeding in the Netherland East Indies will become the chief mainstay of the population.

Illustrations page 677.

Prominent Breeders.

Bolgoo L. Bervets Boendry (Govt Bre 1 Fm) City of Bandoeng Municipal Couvreur, A Government Stud Farm at Hirschland & van Ziel	Trezabarie Farm, Poerwokerto. Maklen Nengatas Bandone Idi, P. A. J. Atje Preanger Padang Gen Wet Farm Tjissourona Bandone	Banjoumas Sumatra Java Java Sumatra Java Sumatra Java	Opolski, Kurt Tea Plantation Gervobeng Ursonne Brothers Vnburg, B, Dr Hunter & Comp, Ltd Jenne & Comp Price John Troop de Haas A	Poerbasari, Pengalangan Pengkalgan Lembang Ban'one Fresche Terp Farm Pengalangan LIVESTOCK IMPORTERS Sourabaya Batavia Batavia Sourabaya	Java Java Java Java Java Java Java Java
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Livestock Breeding in Korea.

The total area of the country is about 83,000 square miles and the population probably 16,000,000. A Japanese Live Stock Census, recently published, estimates the cattle stock at 1,605,000 head, the pig stock at 1,140,000, horses at 53,250 and sheep at only 2,500.

During the lifetime of the late Emperor, the breeding of cattle was encouraged by the then Government, but since Korea came under the Japanese sway, very little, if anything, has been done in the matter of live stock breeding. Many local conditions favour the rearing of pigs and sheep, especially sheep, and the summer is not too hot. The indigenous breed of cattle has probably emanated from the Yangtse Valley as it greatly resembles the types now bred in this part of China. As regards horses, the Korean farmer has always bred remarkably good such. Pig breeding has never been so extensively carried on as in China, but on the other hand, the Koreans treat their pigs better, and in this respect have probably drawn lessons from Japan.

Conditions in Korea are changing, owing to Japanese influence now being felt in every walk of life, but speaking socially, the old charm over the country has disappeared. Some thirty years ago when Korea was still an Empire it was one of the most pleasant countries in Asia for the visitor who invariably could count on the greatest courtesy displayed. In mediaeval times Korea was one of the most flourishing countries, but when the Wang Dynasty succumbed to Chinese political intrigues, and the country came under her suzerainty, conditions changed rapidly. The animosity against the Chinese caused the Koreans to shut themselves up in their own country, without any intercourse with the western world, and so it

happened that nothing or very little was ever known or heard in Europe about the Koreans until quite recently. In the year 1881 the first sea port was opened for Japanese trade, while in 1882 and during the following ten years several foreign powers claimed and obtained the same treaty rights. While not so long ago the people were divided into the peasants—the producers, and the nobles—the consumers, and the Korean women shut themselves up, conditions are much changed and the Koreans have proved during the many hardships they have recently passed through that they are open for intellectual influence. Means of transport are very limited. The chief articles of trade are live stock products—hides, skins, wool and meat—and minerals such as gold and copper. The skins of tigers and panthers, once upon a time a royal prerogative, are still articles of some value; and sheep rearing which not so long ago was forbidden, is slowly drawing the attention of the farmers. Few horses are utilised in agricultural pursuits, the oxen everywhere taking their place. The fattening of cattle is a not unimportant branch of agriculture. In the northern parts of Korea, still completely uncultivated, the soil is extremely fertile and this part of the country will probably be populated by Japanese settlers. Splendid barley and oats are grown here, and the Jinseng root, so cherished by the Chinese, the Koreans and the Japanese alike, reaches here in the north a very large size. With the influx of foreigners now living in Korea, Americans, Germans, Japanese, French and English, the demand for better dairy products and to be slightly impressing the Koreans much to be done in the way of live on improved lines.

Livestock Breeding in Palestina and Syria.

PALESTINA The importations of Pedigree live stock into Palestina have extended over several years, and thanks to the enduring efforts on the part of the Department of Agriculture at Mount Carmel, near Haifa, a great number of herds and flocks have been graded up. According to the latest Census, the Live Stock amounts to some 390,000 head of cattle, 1,690,000 sheep, and nearly 55,000 horses. The number of pigs is about 6,000. Until the great war Palestina was a part of Turkey and, as such, badly treated and neglected. Although of a barren nature in parts, it is in other parts remarkably fertile. Geographically, Palestina is divided into two portions, the west and the east of the Jordan, while agriculturally it comprises four distinct regions—the mountain region to the west of the Jordan, the plateau region to the east of this river, the coast land and the Jordan valley. The highlands of Palestina are really a continuation of Lebanon, with the highest summit at Hebron, some 3,380 ft above sea level. While much of the country appears rugged and naked and the rainfall is scarcely more than 20 inches, the country is remarkably fertile in many parts where pastures abound and splendid cattle have been bred since time immemorial. Owing to the misrule of the Turks, live stock breeding and farming languished but under British protection agriculture seems to revive and much is being done in every direction towards developing the country's natural resources. The pastures are remarkably nourishing for sheep and goats, and large herds of wild goats still exist. The Department of Agriculture is anxious to carry out a scheme of establishing Government Stud Farms in various districts and several Associations for the betterment of Jewish farmers such as the "Palestina Zionist Executive," the "Jewish National Fund," and the "Palestine Jewish Colonisation Association" have been chiefly instrumental in bringing Pedigree live stock in very considerable numbers into Palestina. Undoubtedly the country is suitable for the raising of valuable stock and live stock men should meet with encouragement in any effort to find an outlet for stud animals. The following agricultural Associations are interested in live stock breeding:

Department of Agricultural Colonisation, Haifa
Palestina Zionist Executive, P.O.B. 92, Jerusalem.

Jewish National Fund, Jerusalem
Palestina Land Development Co. Ltd., P.O.B. 456, Jerusalem
Palestina Jewish Colonisation Association, P.O.B. 67, Haifa
Agricultural Headquarters, General Jewish Workers' Organisation, P.O.B. 411, Jerusalem
Federation of Jewish Farmers, Judea, Tel Aviv
Planters Association, Agoudath Nefesh, Sedjrah
Co-operative Society of Orange Growers, Jaffa
Syndicate of Jewish Tobacco Growers of Upper and Lower Galilee, Rosh Pinah
Jewish Tobacco Growers Association in Palestina, Mikveh Israel
Palestina Arab Tobacco Growers' Co-operative Society, Ltd., Acre
Wine Growers Association, Roshon le Zion
Hachaklath, Co-operative Cattle Insurance Society, Ltd., Yabneel
Hachaklath, Professional Mutual Organisation, Hedera
Farmers' Union of Lower Galilee, Yabneel

SYRIA As in Palestina, live stock breeding in Syria is a very ancient industry, as Syria once upon a time was the greatest cattle and sheep raiser in the Mediterranean Basin. It is difficult to speak of Syria without including Palestina, as the Holy Land is really a part of Syria. Syria proper holds an area of about 77,000 square miles, embracing the whole of the Mediterranean east coast. It is a plateau land, remarkable for its many fruitful valleys where intensive cultivation has existed for thousands of years. Thus the valley of El-Buka has been a live stock breeding district for ever so long, and in mediæval days Syrian merchants carried on a most lucrative trade in selling stallions, bulls and rams to many a European Royal Court. Sheep breeding, of course, is the mainstay of the smaller farmers, and remarkably good strains were bred here before organised sheep breeding commenced in Europe. As a camel breeding district Syria was early prominent, her camels being held in great value by all the surrounding tribes. The population of Syria is now probably 2,650,000, consisting of people and races of great diversity, of which probably 75% devote their life and work to farming and live stock breeding.

After Saladin, Sultan of Egypt, had conquered Syria during the latter part of the twelfth century when he extinguished the Kingdom of Jerusalem, Syria could never restore her erstwhile prosperity and splendour, and since the country in the year 1516 had become a part of the Ottoman Empire, Turkish misrule, greed, and unjust taxation by degrees turned its large and prosperous villages and their valuable pastures into devastated lands, and with disappearing prosperity interest in sheep and cattle breeding abated. Like the farmers in Palestina, the Syrians are good stock men.

Livestock Breeding in Persia.

The exact number of Live Stock in this country has never been known as a census has never been taken. That the number of sheep is very considerable is, however, well known, and as regards horses, cattle and pigs many indications point towards an increased interest being taken in live stock breeding, not only on the part of the larger land owners but by the Government. The recent political changes and the ascendance to the throne of a very active and far seeing man who is particularly interested in agriculture bodes well for the future. Persia's chief drawback has always been and is still, her lack of railway communication, but as the long-needed Trans-Persian railway is now actually to be created, as capital for the same has been secured from Tea and Sugar Taxes, the total calculated cost £30 000 000 can actually be secured. One of the difficulties that has always been connected with attempts on the part of the European live stock breeders to encourage Persian land owners in the acquisition of Pedigree Stud animals has been the excessive cost of transport from the Gulf to Teheran, the Capital, £25 per ton or from the Caspian to the Capital, £10 per ton. The railway rates estimated to be charged on the new system will probably only amount to a quarter of these figures. The railway will start on the Persian Gulf at Khormusa, pass through Ahwaz, Dizful, Hamadan, Kazvin and on to Teheran, and through Firuzkuh to Bendergaz. Speaking generally, the railway line will not present great difficulties in construction.

Persia is a Plateau land from 2 500 to 3 500 feet in elevation with a very variable climate, in parts excessively hot almost impossible for human endurance, while in other parts the moisture is so excessive as to cause swamps. In the Provinces bordering on the Caspian the land is generally well watered, well timbered and of striking beauty. Although the country is well watered almost everywhere, the Karun is the only river really suitable for navigation. While on the Central Plateau the climate is very cold in the winter and excessively hot in the summer the dryness of the atmosphere causes the air to be very pure. Sudden climatic changes often occur, detrimental to the development of live stock which, however, in spite of all the drawbacks seem to thrive well. Having passed the Persian Gulf where the land is barren, the Luristan and Khuzistan Forests commence, and then follows a belt where fruit trees and vineyards are of exceptional quality. Detrimental to live stock breeding is, of course, the existence of many wild animals such as the lion, the tiger, the leopard, the wolf, the wild bear and hyena. The mountain sheep have developed in spite of these drawbacks, and, like the goat, attain considerable size. The Persian horses are well developed and fine animals, and if selection in breeding could be systematically carried through, Persia should undoubtedly be able to develop a very valuable horse

breeding industry. Splendid mules are bred in many districts, and the Persian cattle are often of exceptional excellence.

It is, however, in the field of sheep breeding that the Persian farmers have obtained a certain notoriety as they have for hundreds of years bred a type of fat-tailed sheep from which strains have been exported to Asiatic Russia, to Turkey, Armenia and Palestine. Several experts who have examined the sheep stock in Persia hold that the Persian sheep is one of the best breeds in Asia remarkable for its endurance and ability to always breed true to type. When live stock breeding can be given proper attention Persia will offer a vast field for expansion in the live stock industry and as the Persians are astute men of business, quick to take advantage of opportunities offering, it is most likely only the lack of propaganda on the part of live stock men in other countries that has prevented many a land owner in Persia from acquiring better stock.

Lately, under the new regime, a Department has been inaugurated for agriculture and handling of the Public Domains, and attempts are now being made to ascertain the size of breeders' flocks, herds and studs, their requirements, the yield of the various categories of live stock and, what is very difficult, the material that is in the hands of nomadic tribes. Organised live stock breeding is non-existent but, as stated, the field is vast and opportunities considerable for those who would like to explore the same.

An Agricultural Advisory Committee, recently appointed, is now permanently attached to the Ministry of Public Works and its chief function according to a recent Ordinance is to act as a central office for preparation and execution of any measure which may promote the development of agriculture and live stock breeding. With a view of popularising this measure, the members of the Committee represent smaller farmers as well as very large land-owners one of each category from every Province, and four other members who must be breeders of horses, cattle, sheep and pigs, and well-known in their districts, while three members representing the Ministry of Finance, have been attached with a view of handling any measure involving outlay of capital. This Committee meets during the first week of every month when suggestions or applications for assistance from the outlying Provinces in regard to live stock breeding, dairying, fencang, drainage, expert advice, etc., are considered, and any proposition, when sanctioned for execution, is sent to the Council of Ministers for approval.

For reliable information as regards Persia's live stock industry, and requirements, the following are in the position of rendering assistance.

Mr Sharbat i Kuchelomel
Dalan Mahavirani Teheran
Mr Fatbullah Khan Khajavi,
Teheran.

While a considerable portion of Persia seems to belong to the various tribes who are nomads moving from place to place and as a rule owners of large herds and flocks of cattle and sheep and often of magnificent horses the bulk of the land is probably held by the great land owners. As the interests and sympathies of these are to a certain degree bound up with the monarchical system and this is now represented in the Mejliss or Parliament it is probable that any reforms in live stock breeding if subject to Decrees issued by the Mejliss may have far reaching effects as obviously the great land owners would welcome any improvement in their occupation which may lead to increased income. Much land also belongs to the very powerful Shah Divines a body whose strength rests on feudal and ecclesiastical traditions and whose properties are deriving their chief income from live stock breeding. In Persia like everywhere else in the Far

East the awakening is spreading about like a ferment and many remarkable results may happen. Persia has had a chequered career being periodically usurped now by one now by another strong man and the late dynasty the Kajar was like its predecessors dethroned owing to misgovernment. With its enormous oil resources now exploited by British capital to the benefit of the country whereby large amounts of money annually flow into the Royal Exchequer it is probable that the country will be more open to sound political influence. The influence of Russia felt periodically and always with disastrous consequences to the country will slowly diminish and the manner in which the Persian oil fields are being worked under British co operation is bound to act as a political asset to Great Britain just as it is of great financial and material advantage to Persia herself.

Livestock Breeding in The Phillipine Islands

The Live Stock estimate for the Phillipine Islands states cattle 877 000 sheep 318 000 pigs 7 530 000 horses 296 000

Not so very long ago it was generally held that the climate of the Phillipine Islands was unsuitable for the white race—a misconception that has now been entirely done away with as a result of the marvellous progress in every sphere of activity caused by the American occupation. The Group of Islands consists of three thousand one hundred and forty one of which one thousand and ninety five are large exceedingly fertile inhabited and suitable for live stock breeding. The total land area is 115 026 square miles. Heat and humidity are of course drawbacks everywhere but in most parts of the Philippines the heat is never extreme. The wet season is from July to October and during November December January February and part of March weather conditions are ideal the days bright and clear and the nights invigorating and cool.

Under American rule an admirable state of public order has been brought about and it is no exaggeration to state that life and property are safe all over the Islands. The Americans have established friendly relations with the larger portion of the wild people even the once upon a time restless Moro country having been subdued. Already some thirty five years ago when the first American live stock breeders considered the possibility of taking up cattle breeding as a pursuit in the larger Islands the possibilities for developing a live stock industry were found to be almost without competition. The very large majority of small land holders in the Islands have however no land titles and as there are enormous areas of unoccupied unclaimed uncultivated land many of these small holders can easily be persuaded to move to better land and take up cattle breeding if encouraged. Only some 63,000 square miles can be considered as private

land to which owners hold titles and probably not more than half of this area is under organised cultivation. Fifty four thousand square miles are covered by forest and the rest may be classified as agricultural land. To day any citizen of the Phillipine Islands or of the United States of America over the age of twenty one years can obtain on the payment of \$10 a forty acre homestead. This however he must cultivate during the next five years. In spite however of these liberal terms the Philippines have not shown a very great desire to become land owners probably owing to sheer ignorance. Thus since the Public Land Act took effect only some twenty five thousand applications have been received of which probably one fifth has lapsed owing to the stipulations not having been complied with. No-one who has not travelled widely in the Philippines can be adequately impressed with the insignificance of the areas now under cultivation as compared with those which would richly repay it. This is the opinion of an American who acted as Secretary of the Interior of the Phillipine Islands for twelve years and who had ample opportunity of studying the conditions and in a Report to the Government as a member of the Philippine Commission he stated that the country is failing to produce food enough for eight millions of people yet if advantage were taken of the opportunities which nature so bountifully affords it could readily feed eighty millions. Asked for his opinion how the country could best be developed he stated that he would without hesitation give away the public lands of the Philippine Islands to such persons who would undertake to cultivate them. Since the American occupation probably not more than some fifty thousand acres have been sold to Americans and foreigners but it is

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probable that if a greater number of surveyors of public land could be employed and the privilege of obtaining free Land Patents on the old conditions could be renewed, and agricultural lands outside towns could be made available, the influx of suitable settlers would increase.

In the Philippine Islands agriculture has always been and will continue to be the main source of wealth. In the lowlands conditions of soil and climate are very favourable for growing all the important tropical products. According to the Philippine weather bureau, rain fall statistics are now so available that it is possible for a would be settler to find out before-hand which tracts of land are subject to drought or dry seasons or rain fall uniformly distributed throughout the year. The Filipino makes a good field labourer if properly fed and paid a reasonable wage. It has often been complained that he is lazy, but the reason is probably simply mal nutrition as he has to exist day after day on rice and nothing else. Rice is the bread of the people and is produced in large quantities. Owing however to the most antiquated methods and insufficient preparation the quantities of rice produced in the Islands are not even sufficient to maintain the population and the imports of the article have amounted to as much as twelve million Dollars a year.

In 1888 rinderpest appeared for the first time in the Islands and swept the country from end to end every year until the establishment of Civil Government under American rule was brought about. For many years ploughing was practically impossible owing to lack of draught animals killed by the pest. The Bureau of Science and the Bureau of Agriculture established by the Americans however began a determined campaign against this dangerous pest of cattle and the fight has not ceased yet, but its ravages have been reduced to insignificant proportions. Good draught animals are however, still fetching abnormally high prices. While in the old Spanish days, before the American occupation ordinary oxen could be obtained at the price of \$6 to \$8, and an excellent animal at the price of from \$12 to \$12 50, the prices to-day are from \$75 to \$125 for an average animal and from \$140 to \$180 for the better type. The great shortage of beef cattle is very depressing and until cattle breeding can be organised on suitable lines refrigerated meat must be imported in large quantities. This class of meat however is very repulsive to the Filipinos who would immediately consume fresh killed meat if such were available. The importation of bovine animals into the Philippine Islands is however, restricted by law and no imports can take place without special Permits granted by the Governor General concurred in by the two Presidents of the Chambers. For this reason there is scarcely any commercial farming actually engaged in the importation of live stock for breeding purposes and as regards the export of live stock there are no animals in excess of the local demand. Permits, however, to import Pedigree live stock are obtainable and the imports of prominent breed animals should quickly prove remunerative if properly h

Chinese cattle were formerly imported in considerable quantities but the imports are forbidden owing to the prevalence of cattle disease in the regions from which they came, and instead the excellent Nellore cattle one of the humped breeds of India were imported. To-day these cattle—Zebu—are found all over the Philippines and as they are immune to rinderpest they seem to be most suitable for the climate. As draught animals these Nellore cattle are superior, fast walkers large sized and extremely gentle producing excellent meat. According to an American investigator, cattle raising in Mindanao on a large scale is certainly possible and offers a most attractive field for investment.

The farmers in the Islands are as a rule an ignorant, superstitious lazy, underfed lot, a century behind the times in their methods, yet they are not impossible to deal with and if set a good example the Philippine farmer will quickly respond. As regards health conditions it should be stated that almost everywhere these are now excellent. At Manila the death rate among the whites is lower than in many European and American towns. The present Government of the Philippines is most effective and the state of public order leaves very little to be desired. Means of communication by land are now fairly good and improving, and there are many splendid and beautiful harbours in the various Islands and nowhere difficulties attendant upon loading or unloading vessels. The natural resources of the country are vast. The gold mines are giving handsome returns.

According to information supplied by the Department of Agriculture in the Philippine Islands the veterinary service is well established. Agricultural schools and Stations where the Filipinos can learn rules of live stock breeding sugar and tobacco cropping etc. are now spread over the most important Islands, and among these the following should be mentioned.

Latangilang Agricultural School	Latangilang Abra
Banawan Agricultural School	Banawan Arayan
(Uinobatan Farm School)	Guinobatan Albay
Candauan Farm School (Virac)	Virac Albay
Ilir Farm School	Ilir Bohol
Bukidnon Agricultural School	Bukidnon
Camarinas Agricul. School (Pili)	Pili Camarines Sur
Capiz Farm School	Banga Capiz
Indang Farm School	Indang Cavite
Piang Agricultural School	Kudlungan Cotabato
Dampis Agricultural School	Davao
Ilalac Farm School	Ilalac Ilocos Norte
Santa Maria Farm School	Santa Maria Ilocos Sur
Lechague Farm School (Ugali)	Isabela
Isabela Farm School	Isabela
Lumbayan Agricultural School	Lumbayan Lanao
Baybay Agricultural School	Baybay Leyte
Trinidad Agricultural School (Naguro)	Naguro Mountain P. v. e.
Central Luzon Agricultural School (Vimoz)	Munoz Nueva Ecija
Nueva Viscaya Farm School	Nueva Viscaya
Aborlan Agricultural School	Aborlan Palawan
Pampanga Agricultural School	Pampanga
San Carlos Farm School	San Carlos Pangasinan
Oldongan Farm School	Oldongan Mountain
Cataman Agricultural School	Cataman Samar
Lapok Agricultural School	Lapok Samar
Iba Farm School	Iba Zamboanga

The future of livestock breeding is more or less in the hands of the veterinary officers and the districts in which they are stationed can be the following table.

Dr. Ambrosio Giron	Surgeon Veterinary
Dr. J. T. Tottman	Veterinary
Dr. A. Echavarría	

Romario Barber Hermín O. A. Bernas Luis Bulán Juan J. Buiag Juan C. David Carlos Diaz Vicente D. az Angel C. D. non Ventura Galdal an Pedro de Gu a Federico Jardín ano Baltazar Kargan Ila Alfonso Lecaron Isidoro Montellano Mariano R. Montemayor José B. Morales Hermenegildo De Para so Torcuato F. R. va lelo	Veterinarian	Vigan I Sur Capiz Cap z Barolod Dec Neg Hiloilo Hiloilo Mololos Bulacan Lutena Tayabas Sta Cruz Laguna Manila Cabanatuan Nva Ecija Bongabong Nva Vizcaya San Fernando Pampanga Lagu o Benguet Cebu Cebu Batangas Iatangas Vigan II Sur Dagupan Iatang nan Masbate Masbate Tarlac Ta lac	Sanitary T. Rotea Pedro S. Sales Leon Sanchez Rodolfo Santesco Natalio Segovia Nicolas S. Sevilla Crispulo C. Sipin Cay no L. San Gabriel Emilio Sanzon Pedro P. Villa Jaul no Vytiano Victoriano M. Zaratan Alfonso Tusson	Veterinarian	Hiloilo Hiloilo Vigan II Sur Manila Tagud n Ilocos Sur Hiloilo Hiloilo Vigan Ilocos Sur Dagupan Pangasinan Vigan Ilocos Sur Zamboanga Zamboanga Manila Vigan Ilocos Sur Vigan Ilocos Sur Manila
				Ch. el Animal Husband man An mal Husband & a Super vis ing An mal Husbandman An mal Husbandman	
			Carlos V. Burgos Jose G. Guevarra Terequel Alcac d		Alabang Rizal

Prominent Breeders.

Abo tiz I de H jos C. o Do n ego Garamend Moog B I ran Leyte
Abotiz & Moranza Cebu Cebu
Agdagnan Un on Agr cola c/o Mart n de Acl aval Man la
Agu rre José D po of Zamboanga
Ahmed S s ters & Co Buluan Glan Cotabato
Albay I. no Impasungon Bukidnon
Almsa Jesus Lig o Albay
Alvarez Hermanos San Isidro Leyte
Amer can Rubber Co Isabela Zamboanga
As a Coconut I la tat on Hiloilo Ilo lo
Baretto Anton o San Fel pe Zamboale
Bas lan Plantat on Co Isabela Zamboanga
Bongabon Stock Farm Bongabon Nueva Ecija
Buenav sta Plantat on Co Zamboanga Zamboanga
Buluan Ranch Co P O Box 199 Zamboanga
Compan a Co-operativa Puerto I r nesa Palawan
Cruz Florentino F. Malaybalay Buk dnon
Dik om Ranch Cagayan M sam s
Garrado Benjam n C. Calub an Leyte
Gil errez Hermanos P O Box 776 Man la
Gorost ga re Teran c/o Jesus Teran Iandan Albay
Kid errez Rest lu o P O Box 45 Davao Davao
K D Ranch Inc Cagayan M sam s

Marcos Cr s obal San Jacinto Masbate
Mercedes Ranch Malaybalay Bukidnon
Murga Ramon Bangsan Zamboanga
Nellore Ranch Malaybalay Buk dnon
Olarie Hermanos y Cia Macar Buayan Cotabato
Oram z Genero J menez M sam s
I ep a R nch c/o Troop sto Gu ngona 61 Blument r I S Juan del Monte
Rizal
Pioneer Stock Farm Malaybalay Bukidnon
P so Coonout & Co I Ranch I O Box 141 Davao
Reverse Four Cal I Co R n Gu nobatan Masbate
Saint Lorenzo Ranch Malaybalay Buk dnon
San Ramon Penal Farm, Zamboanga Zamboanga
Sanchez José D masalang Masbate
Santa Fe Cattle Ra ng Co c/o Alfonso Z Symp 6 Ingreso St. B nondo
Manila
Saraganta Cattle Co Buayan a a Glan Cotabato
S ndangan Develop ent Co Mukas S ndangan Zamboanga
Sindeagorta F del D de P O Box 1165 Man la
Soltan Limbao Madalua, Lanao
Ubay Stock Farm Ubay Iloilo
Ver ona Catus M alabang Camarines Sur
Villas n Proul o Calubnan Le te

Livestock Breeding in Siam.

The Live Stock estimate for Siam states cattle 4 015000 sheep —, pigs 871 000, horses 248 000

As a cattle breeder Siam will probably become prominent as and when her transport system is being improved. The existing sheep stock is unknown and probably of very little importance. As Siam is entirely an agricultural country, live stock breeding is obviously the chief occupation of the people. The best cattle are bred in the north eastern part of the country while buffaloes are chiefly reared in the south. Siam's export of cattle is comparatively speaking considerable chiefly to the Federated Malay States and to the Straits Settlements. The quality of meat is fairly good and of late years seems to be improving. The Siamese Department of Agriculture is a very wide awake Institution employing a number of highly trained experts Siamese as well as foreigners. A number of Experimental Farms have been inaugurated during the last ten years and scientific as well as practical experiments are here carried out with a view of finding the best ways and means for improving the soil the crops and the live stock. Rice is still of course the prime crop as it constitutes the chief food of the people but the methods employed by the average small farmer are antiquated and the yield of the soil is certainly not what it should be. The peasants are still scratching the surface of the soil by means of a very antiquated wooden plough, and the value of deep ploughing and use of modern machinery and tools has not penetrated into their

mind. Stock raising on modern principles should prove a profitable business as there is a ready market in the Federated Malay States and the Straits Settlements, and as land is extremely cheap and the native cattle very inexpensive and have proved suitable for crossing with European breeds the progeny can be disposed of at remunerative prices. Grazing is very plentiful in the wet season. Good class native Siamese oxen weigh from 900 to 1 000 lbs on the hoof. The Department of Agriculture recently commenced experiments in breeding with a view of improving the stock commencing with experiments on crossing the Indian Zebu Bulls with the native cattle. As Siam exports large quantities of pigs the breeding and fattening of pigs is becoming a very important industry. reports the Secretary to the Ministry of Lands and Agriculture Bangkok.

Although a large part of Siam is covered with forest and jungle the open land is more than sufficient to maintain the population which now number between eight and nine million. With the exception of one forest parts of Siam the density of the population is eight to the square mile. Wild animals like the tiger, leopard and elephant do considerable damage to agriculture and live stock but slowly modern systems are being adopted with a view of protecting the peasant farmer against encroachment upon his land in one

Government maintain three Horse Breeding Stations of which the "Cara Dije-Bey" is the most prominent. Here a number of Orient as well as Syrian stallions are kept, but the fact remains that the Turkish farmers do not seem to appreciate the value of improving their landrace breed.

As regards Cattle breeding in Turkey, conditions are indeed very bad and probably the Government will find themselves compelled to import some suitable breeds with a view of acclimatising these so that in time they may become national breeds. The existing native breed, or breeds are, speaking generally, of a very wretched type, small in size, narrow breasted, with badly developed hind quarters, of an ugly appearance, always underfed and consequently always under-sized. The various breeds are probably more or less related to each other, and in colour they are mostly black but sometimes steel grey or deep red. As these cattle have never been maintained or bred for the purpose of milking, it is understandable that they have never developed their milking propensities. Milk is not expected, and as the meat is not in demand, their only function is to act as beasts of burden. The Turk does not deem the cow worth any other feed than such which the horses despise while at the same time demanding work from her and under such conditions obviously only very wretched animals are bred. Lately the increased demand for better quality butter and milk points towards the possibility of creating better breeds, and for live stock interested parties Turkey undoubtedly offers a field worthy of exploration.

On the other hand, sheep breeding which is an interesting occupation from the Anatolian point of view, has always been cherished by the farmers, and it is probably true that the sheep is the mainstay of the peasant who values this animal for its ability to yield wool, milk and meat. It may be stated that most of the butter that is marketed in the provincial districts of Turkey is made from sheep's milk. The great demand for sheepskins for the morocco leather trade has always acted as an important stimulant in favour of sheep breeding. For centuries the wool of the sheep has been in great demand by carpet weavers and makers of cloth, and the great skill developed by the Turkish craftsman engaged on carpet making or weaving has created for him world renown, and thus explains why for wool a high price is always paid by the village tradesman who in most cases acts as agent and purchaser for the big weaving establishments at Isparta, Constantinople, Smyrna and various other places. Curiously enough, in spite of their apparent stupidity, the Turkish peasant farmers have always appreciated the value of keeping their sheep breeds unmixed, and as all of these are more or less valuable and could easily be improved, the fact

that they have been kept pure will assist the live stock improver. The reason is probably found in experience gained early to the effect that by crossing these breeds the staple of the wool could neither be improved nor the quantity of wool grown increased.

Among the more valuable sheep breeds the DALYCH and the CARASMAN sheep should be mentioned but a third breed the CIVERDIONEK sheep, is held to far outstrip the others. All sheep breeds in Turkey must have originated from Persia, and it is remarkable that they all developed the fat tail. The above mentioned expert states the deplorable fact remains that nothing is being done to improve the breeds through selection and no attention is being paid to mating which is left entirely to the free choice of the animals themselves.

One of Turkey's national assets the Angora goat, has spread to many parts of the world. The goat is however, treated like the sheep and the cattle, and the Turkish peasant seems incapable of appreciating the fact that through selection of breed animals and better methods he could easily earn considerable sums of money through breeding for the export trade. The Turkish Angora goat is gradually losing its renowned qualities. One hundred years ago the Angora buck when sold for breeding purposes to Egypt, Russia, Afghanistan and India fetched a very high price. To-day the Angora goat in South Africa and the United States is a far more valuable animal, and it is interesting to note that specialists who recently visited Turkey, strongly advocate that the Government should import Stud animals from either America or South Africa.

Shorn of enormous areas of her former territory Turkey in Asia is still a country of some magnitude, comprising more than 200 000 square miles, with a population of 12½ millions. Being chiefly an agricultural country where live stock breeding is the mainstay of the people, the field for improvement in this industry is vast. The present ruler a man of great force of character and remarkable energy, is credited with taking interest in improving livestock and farming methods, and as the old time Arabic letters since October 1 1928 were abandoned and the Lann alphabet by a Government Edict made obligatory, access for commercial penetration has been prepared, of which livestock men in European and American countries should not be slow in taking advantage. The soil is everywhere very fertile, grazing abundant, and the vast Anatolian forests are a source, scarcely tapped, of great wealth. Tobacco is, perhaps, the most valuable of the commercial crops, while coffee, cotton, olives and fruit cultivation yield considerable income. Turkey, or more correctly, Anatolia, the "Land of the Rising Sun," has undoubtedly still an important role to play in world politics and commerce.

PACIFIC ISLANDS

Livestock Breeding in Caledonia and Loyalty Islands

This Island Group now a French Protectorate about 1100 miles distant from Sydney N.S.W. has a total area of 6,350 square miles. The chief town is Noumea where the Administration is seated. The main products are of the usual tropical nature and excellent coffee is cultivated. One of the principal export articles is cattle hides. Geographically the Islands are divided into the New Caledonian Islands and the Loyalty Islands. Of these the Islands of Uvea, Lifu, Mare, Huan and Walpole are the most important. The inhabitants in the Loyalty Islands have always been known for their pleasant mentality being easy-going and of cheerful disposition always friendly to strangers as contrasted with the New Caledonian inhabitants who have long enjoyed the reputation for being unreliable, bad tempered, ill-mannered and far from friendly disposed towards the white man. Under the French Administration pros-

perity seems increasing year after year while improved sanitation and many other regulations have stayed the death rate which not so long ago was very considerable. Live stock breeding has always been a cherished occupation in the Islands where cattle, sheep and pigs are bred and where very good specimens can be seen. There is most decidedly a field for the Live Stock man who probably would find a visit to the Islands both pleasant and profitable, and there is no reason why general live stock conditions should not be improved through imported breed animals. Of course the industry can never assume large proportions but as the well being of the inhabitants is steadily increasing and their taste for improved living conditions is stimulated through better wages and better prices obtained for their products it stands to reason to hold that a number of the small farmers might be interested in acquiring remunerative Stud animals.

Livestock Breeding in Caroline Islands.

These islands once upon a time geographically known as the New Philippines constitute a veritable Archipelago in the Pacific Ocean holding 677 small islands lying in 45 different groups. They originally belonged to Spain but were sold some 30 years ago to Germany which country had long cherished their possession as considered most valuable for overseas trading purposes. The geographical position is 135° 165° deg E Long. Recently this important group of islands came under Japanese protection since when development has been rapid in every direction. Of all the Pacific Islands probably the Caroline Islands are the most interesting and it may safely be predicted that under Japanese protection trade will develop considerably. Geographically these Islands lie in three groups—the Pelew Group, the Yap Group and the Turk Group. The most important are the Panape, the Kusae and the Yap Islands. The Administration is centered at the Turk Island. While the trade in the usual tropical products is of a certain importance

and the imports of Japanese cheap manufactures have lately increased considerably the live stock industry is the main source of income. Cattle, sheep, pigs and goats thrive exceedingly well, attain considerable size and it is possible that in the near future a profitable Dairy industry may develop as the Dairy cattle are being given special attention by the Live Stock Department. A well known live stock expert from Tokyo who recently spent some time in the Islands to examine conditions is stated to have expressed the opinion that a considerable number of Dairy cattle should be maintained as the soil in all the Islands is extremely fertile. The total area is nearly 600 square miles and the population probably about 70,000. Since the Japanese took over the Islands the number of Trade Stations has increased and a considerable number of coastal trading vessels carry on the trade between the Islands, Australia and Japan. The chief export article is copra. With few exceptions all the Islands are well watered with magnificent pastures where the cattle seem to thrive exceedingly well.

Livestock Breeding in Cook Islands.

Since 1808 when England formally annexed this Group of Islands, they have been a British Protectorate, and most of the inhabitants have been converted to Christianity. They are now a Dependency of New Zealand, administered from the Island of Rarotonga, the most important in the Group, while the other important Islands are Atiu, Mauke and Mangaia. The Government are seated at Avarua. In all, there are 8 Islands, situated between the 19th and 22nd Par of S Lat and 157-160 meridians of W. Lon. The soil is in all the Islands very fertile, and

the usual tropical plants grow to perfection. Live stock breeding, although not of any importance, is part of the agricultural activities of the inhabitants, and might be developed if opportunities were given them to acquire better Stud animals for breeding purposes. Although not of considerable figures, the Trade is not unimportant. The climate is almost perfect, with very equal rainfall, and as land is obtainable on easy terms, many a settler would probably be able to create a pleasant life as a live stock breeder in these Islands.

Livestock Breeding in Fiji Islands.

Since Fiji became a Crown Colony of Great Britain its live stock industry has made great progress. Commenced about ninety years ago by the landing of a couple of bull and heifer yearlings, today, although by no means the most profitable industry, it certainly is the most wide spread. To day, cattle are bred both for beef and dairying purposes but the latter industry has only been established upon a sound basis within the last five years.

Cattle have been raised successfully in Fiji for many years but the difficulty of disposing of the animals in numbers at a profit has hitherto limited production to the comparatively small quantity required for local consumption. Proprietors of coconut plantations as a rule run stock among the palms when the trees have gained sufficient height to lift the crown of leaves above the destructive reach of cattle. The animals play an important part in keeping down the undergrowth on the plantations and usually find a ready market with local butchers thus materially assisting to pay the working expenses of the estates. Of late years cattle raising has been undertaken on a more extended scale and is gradually becoming a distinct industry of the Colony. Suitable areas of country have been taken up for the specific purpose of stock raising, with the consequence that the establishment of works for the canning, cooling, or freezing of meat for export and local consumption is receiving serious attention. The average quantity and value of preserved meats imported into Fiji each year during the period of five years ending in 1922 was 450 500 lbs value £23,220. It is anticipated that the successful establishment of meat preserving works in the Colony would supply the local market and secure a reasonable share of the export trade to the surrounding groups of islands, which at present procure supplies from Australia and New Zealand.

The number of cattle in the colony is 700 000, of which the majority originated from Shorthorn and Hereford beef strains comparatively few dairying cattle having been imported. The equable climate renders it unnecessary to pay special attention to the

protection of feeding stock during any period of the year. There are no epizootic (epidemic) diseases. None of the devastating cattle diseases as anthrax, rinderpest foot and mouth disease have ever found a home in Fiji. Tsetse flies, cattle ticks and such like pests are unknown, in fact the Colony may be classed as one of the cleanest cattle countries in the World. A strict veterinary inspection of all imported stock is made at the ports of entry to guard against the introduction of disease, and as a further precaution cattle dips are about to be erected.

For more than 40 years small quantities of excellent butter have been produced by various settlers, either for use in their own households or for sale in Suva and Levuka, but it is only in very recent years that any serious attempt has been made to establish the dairying industry on a commercial basis.

There is no export market for beef, except a small shipping trade, and production is in excess of consumption. The prices realised by the producers vary from 25s to 30s per 100 lbs dressed weight. However these prices pay. A canning factory has been in operation since the end of 1927, conducted by the Fiji Development Company. This should help to balance production and consumption of beef. It is estimated that there will be a market for all the beef canned in Fiji locally and in neighbouring groups of islands.

The breeds of cattle include chiefly Shorthorns and Herefords but there are also some black and Red Polls in the country. Cross breeding is general, and in some districts quite a considerable amount of Zebu blood has been infused as a result of the popularity of the Zebu breed in Fiji a few years ago.

Dairy breeds include Milking Shorthorns, Friesians, Jerseys and Ayrshires. Greater effort is made to run the dairy herds on purer breeding lines than is the case with the beef stock.

In Fiji there is now a Stock Improvement Ordinance in force, providing that no stallion or bull shall be kept unless passed and licensed as suitable for breeding by an Inspector under the Ordinance. The Inspectors are Government Veterinary Officers. This

is resulting in marked improvement of types of animals, and farmers, particularly those engaged in dairy farming, are keen on having pure-bred bulls at the head of their herds.

The horse stock is comparatively large, being used for hacking and plantation work. Very few, however, go in for systematic horse breeding as a primary occupation, it being generally considered as a side line. Clydesdales and Suffolks crossed with light horses constitute the majority of plantation animals. Imported mules were formerly largely used.

The pig industry does not receive the support it certainly warrants from farmers, and large numbers of pigs are imported for slaughter.

There are few breeders of sheep, although most authorities hold that Fiji has many natural advantages to offer for sheep breeding.

Owing to the comparative proximity to Australia and New Zealand, practically all new importations of live stock are from these countries.

The following are the approximate numbers of stock existing in the Colony :

Horses	..	..	..	..	12,000
Cattle	..	..	..	..	70,000
Sheep	..	..	..	..	750
Goats	..	..	..	..	24,016
Pigs	..	..	..	..	4,000
Dairy Farms	..	..	..	..	40
Cattle on dairy farms	..	..	..	..	3,000
Pure-bred Bulls in use	..	..	..	..	137

The special advantages which Fiji offers may be summarised as follows : cheap land ; luxuriant growth of pasture ; healthy and equable climate ; unfailing water supply ; freedom from serious diseases ; cheap and suitable labour ; convenient market and easy transport.

There is a good opening for settlers with some capital and experience in farming and dairying. At present local cross bred cows can be bought very cheaply in Fiji and pure bred dairy stock can be imported from New Zealand at moderate cost.

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Prominent Breeders.

Barber, J., Wainibokasi
Bayly, J., Nadi

Bean L. N., Navatoka
Beddows, W., Tavuni
Bryce and Howard, Sigatoka
Chapman & Co., Navua
Clapcott, F. C., Ba
Clark J. Ba
Cooper A. J., Talevu
Corbett, P., Rewa
Caterello, P., Lautoka
CS & Co., Lautoka
Craig M., Looi
Craig R., Navua
Duncan E., Tavuni
Faddy Bros., Talevu
Fiji Development Coy., Viti Levu Bay
Fiji Pastoral Co., Navua
Foliss G., Tavua

Ernestian Cattle
Red Bull & Hereford Cattle
Clydesdale Horses
Berkshire Pigs
Blawarra Shorthorn Cattle
Shorthorn Cattle
Jersey
Zebu
Hereford
Dairy Shorthorn Cattle
Zebu Cattle
Friesian
Dairy Shorthorn Cattle
Friesian Cattle
Jersey
Shorthorn
Dairy Shorthorn Cattle
Shorthorn & Hereford Cattle
Friesian & Jersey Cattle
Shorthorn Cattle
Clydesdale Horses

Garnett, J., Wainibokasi

Gerrard H. L., Waimarama
Harness G., Talevu
Harper J., Tavuni
Hunt J. L., Rewa
Kiss G., Kavi Ravi
McConnell P., Tavuni
McDonald I. N., Rewa
McKay, W., Tavuni
McKenzie A. S., Navua

Mecham H., Navua
Methodist Mission Throughout Fiji,
Suva
Morris Hedström Ltd., Suva Plantations

Norris G., Talevu
Ruthven F. S. G., Sigatoka
Scott H. M., Suva
Smith H. P., Talevu
Tarte Bros., Vuna, Tavuni

Dairy Shorthorn Cattle
Berkshire Pigs
Friesian Cattle
Jersey
Shorthorn
Aberdeen Angus Cattle
Dairy Shorthorn
Shorthorn Cattle
Jersey
Shorthorn
Friesian
Berkshire Pigs
Jersey Cattle
Berkshire Pigs

Friesian Cattle
Dairy Shorthorn Cattle
Shorthorn Cattle
Jersey
Hereford & Ayrshire Cattle

Livestock Breeding in Gilbert Islands.

The almost entire absence of pastures in these islands, which really are nothing else than coral stolls, makes live stock breeding non-existent as far as cattle, sheep and horses are concerned. On the other hand, pig breeding is carried on to a certain extent as the pig is a favourite with the natives. The number of breeding sows is quite considerable and if boars of good strains were imported, undoubtedly pig breeding would make headway. The population is about 44,000, nowadays all protestant christians, and for administrative purposes, they are under the same Government as the

Ellice Islands, likewise a coral group of islands belonging to Great Britain. While the Ellice Islands extend over a length of 355 miles with a population of several thousand christian protestants, the area of the Gilbert islands is scarcely more than 175 square miles. The inhabitants are thrifty, devoting their time to the production of copra. Since 1892 when they were annexed by Great Britain, they have formed a British Colony. The chief Executive Officer, the Resident Commissioner, resides in the Ocean Island.

This group of Islands lies along the N S line between the 13th deg and 21st deg N LAT and are now under American protection as far as Guam Island is concerned, while the Ladrone Islands are Japanese possession. Originally a Spanish possession the United States of America acquired Guam in 1898 as a result of the Spanish American war. The capital town in Guam is Agaña. This Island is one of the most beautiful in the Pacific wonderfully fertile with a large number of small rivers traversing every direction, and with beautiful forest covering part of the island. Cruel slavery under the Spanish domination long existed but came to an end when the American flag was hoisted 30 years ago. Guam is the largest of the Ladrone Islands. Its total area is probably 250 square

miles The usual tropical plants grow in abundance such as spices coffee tobacco and cocoanuts Under the American administration prosperity has returned and the inhabitants seem very happy under their present Rulers

The Ladrone Islands 17 in number, were first discovered by Magellan in 1521 since when they have been under Spanish domination until the end of the Spanish American war some 30 years ago. The total area according to the latest Japanese survey is about 485 square miles. Live stock breeding is being encouraged and according to a recent report from the Japanese Department for Agriculture and Live Stock Breeding, it is expected that sheep and pig breeding will be encouraged.

Since this group of islands in the Pacific Ocean officially known as the Territory of Hawaii became a possession of the United States of America live stock breeding has been greatly developed and the number of cattle-ranges now existing is considerable. In the following list of breeders it will be seen that a number of beef producing breeds are now reared in the islands all with remarkable success. Originally called Sandwich Islands so named by Capt Cook after Lord Sandwich these islands are forging ahead in every respect partly owing to the enterprise on the part of the United States Government partly owing to the great intelligence of the Hawaiian people who among all the Polynesian races are certainly the most gifted. The present day population consists of Portuguese Japanese and Chinese settlers besides the natives but after the year 1898 when the islands were annexed by the United States the American element is increasing.

As a live stock raiser the Hawaiian islands rank among the foremost in this part of the world. Eight of the islands are inhabited—Hawaii 4 015 square miles in area Maui 735 square miles Oahu 615 Kauai 550 Molokai 265 Lanai 142 Kahoolawe 73 and the Niihau island of about 100 square miles the total

area being estimated at about 7 160 square miles. The largest volcanoes in the world are to be found here. Sugar cane cultivation and sugar making are the chief industries and fully 85% of the population are engaged on these pursuits. Railway construction is extending and the steamship communication with the United States, British Columbia, Australasia, China and Japan likewise extending and returns year after year report increasing tonnage testifying to a steady expansion of the trade of the islands. From a live stock raising point of view it is a remarkable country as all kinds and types of domestic animals thrive here and increase in fecundity. According to the latest census the cattle stock may be assessed at 147,000 head, pigs at 41,000, sheep at 47,000 and horses at about 25,000 head. American stock men have practically proved that the islands are a splendid field for cattle stock breeding and beyond any doubt, pig breeding could likewise be developed to large dimensions. Various black and white coloured pig breeds have been introduced all doing well. Consumption of meat and dairy products is increasing and it is estimated that within the next fifteen years the export trade in live stock products may assume large proportions.

Brown Mrs S E. Mo'oka		Hereford Cattle	Herd	800	Head	Maake Sugar Co. Kaula	Devon Shorthorn	Herd	830	Head
Good C P. Mo'oka	Devon	Ayrshire Cattle		250		McBride Sugar Co. Kaula	Devon	Hereford		
Grove Farm Kaula	Devon	Cattle		800			Aberdeen Angus Cattle		200	
Grove Ranch Maui	Aberdeen	Angus Cattle	1	300			Devon Hereford		5 000	
Halekua a Ranch Maui	Hereford		2	875		Molokai Ranch Molokai	Hereford		650	
Honouliuli Ranch Maui	Aberdeen	Angus	3	500		Niihau Ran b N Hau	Shorthorn Hereford Cattle		4 900	
Huehue Ranch Hawaii	Hereford		1	800		Oahu Ry & Land Co Oahu	Hereford	Cattle	2 800	
Kaahalo Ran b Hawaii			3	985		Parker Ran b Hawaii	Percheron Horses		50	
Kahoe aye Ranch Kahoolawe				600			Thoroughbred		100	
Kanrohe Ranch Oahu	Aberdeen	Angus		325			Berkshire Pigs		350	
Kapapaia Ran b Hawaii	Hereford		3	500		Pruska Ranch Hawaii	Hereford Cattle		5 000	
K'aha Ranch Kaula	Aberdeen	Angus		1 500		Pu'ulo Ranch Hawaii			3 500	
K'auaia Sugar Co Kaula	Hereford		1	050		Puwanaa Ranch Hawaii			1 500	
K'au Ranch Kaula				925		R ce A H Oahu			200	
Kaukaunua i ros Hawaii				100		R ce H W Maui			3 500	
Kenau Sugar Co Kaula	Devon	H eford		100		Tempsky R von Maui			600	
Kuakoa Ran b Oahu	Devon	Shorthorn		200		Ulupalakua Ranch Maui			500	
Libbe Plants on Co Kaula	Hereford		1	500		Waiaana Co Oahu			600	
	Ayrshire			180		Waiwale Ranch Oahu	Aberdeen Angus		800	

Livestock Breeding in Marquesas Islands.

This Group of Islands belongs to France which country annexed them in the year 1842. The total area is nearly 250 square miles. At the chief town, Nukahiva, in the chief Island, the Administration is seated. The soil is remarkably fertile and the land well watered, with magnificent pasturage in all the valleys where cultivation is well looked after. The inhabitants are very like the Samoa Islanders in type and mentality as well as in appearance, and it is generally held that of all the Pacific Islanders the Marquesas people have the best manners. Not so long ago given to warfare and cannibalism vices which the French Government

rapidly stamped out, the Islanders are to-day very peaceful, but slowly dying out, as proved by the fact that 50 years ago the number reached over 60,000 while to-day there are scarcely more than 3,000 left, a deplorable fact probably having its cause in mental despondency resulting from knowledge that their race is doomed. This, however, will give the white man a better chance, and undoubtedly live stock breeding could make good headway in these beautiful islands where everything is in favour of the breeding of cattle, pigs and poultry.

Livestock Breeding in Papua (New Guinea).

The natives in New Guinea are wrongly called negroes as they are of Malayan blood. They are good cattle breeders and pig raisers and attend to the live stock when they are not on the war path or basking in the sun. The actual number of the population in this part of New Guinea, now under Australian protection is not exactly known, but may be estimated at well over 1,000,000. The island is still in parts totally unexplored. Holland holds certain portions. Before the war the German portion of the island was quite considerable. Papua probably embraces over 300,000 square miles, and is thus an area of very large proportions. The natives are variably stated as deceitful and treacherous, kindly generous, and reliable, but probably their mentality is the usual South Sea mind, full of conflicting impulses. The country is well timbered and well watered and a series of mountain ranges occupy a not

inconsiderable part of the island from NW to SE, such as the Albert Mountains and the Owen Stanley Range. Some of these mountain ranges reach a height of 13,000 ft., where snow and ice are perpetual. The rainfall is variable, from 30 in to 150 in. The Wallaby is probably the most common among the wild animals, and as regards agriculture, the usual tropical plants grow luxuriantly, such as vanilla, tobacco, coffee, etc. As Papua is now under the protection of the Commonwealth of Australia, it is possible that organised live stock breeding will be part of the Government's plan of development. With possibilities for developing the indigenous breeds of domestic animals as the natives are now more tractable and can be persuaded to take up permanent dwellings, it is quite possible that Papua may develop a cattle breeding industry.

Livestock Breeding in New Hebrides Islands.

This is a Group of Islands in the Pacific Ocean lying at 14 deg Lat and 168 170 deg Lon west of the Fiji Islands. The total area is considerable, nearly 5,200 square miles with a large population, now probably reaching 80,000, erstwhile cannibals originating from New Guinea. These Islands, numbering 30, all of which are inhabited, are now administered jointly by England and France. The climate is very hot and humid. While the summer is wet, the winter

light rainfall is considerably cooler. The soil is extremely fertile and, speaking generally, the Islands are very valuable and may probably be developed to yield a considerable source of income. They have been known since 1606 when they were discovered by a sea faring man, Quiros by name, since when, however, sight was lost of them until in 1768 when Captain James Cook on his first voyage to the South Seas chance discovered them. For very many years

ownership of the New Hebrides was a source of much quarrel until Great Britain and France decided to jointly administrate them by means of an unwritten Treaty, and since the middle of last century the number of settlers have steadily, although slowly, increased. The largest Island, Santo, is 75 miles long and 45 miles broad, with large forests where the sandal wood tree used to be very common and a great number of very fertile valleys in which tropical plants grow in abundance, such as coconos cotton and coconuts. A number of prominent commercial Trade Stations have existed here many years carrying on an important trade with Australia, New Zealand etc. The soil is wonderfully fertile, and a number of rivers add to the beauty of scenery. Other Islands are Tangoa Aore, Malo, a very productive Island, Omba, with a fairly large population and considerable export trade in

copra, Malekula, with excellent harbours and fin-bays; Pentecost, Maewo, known to seafarers as a splendid watering place, Tanna and several other Islands. The natives inhabiting these many Islands are all Polynesians tall, light coloured, intelligent, and easy going, but they vary very considerably from Island to Island. Not so very long ago these Islanders were subjected to the most cruel "black-birding," often by force or fraud imported to the Plantations of Queensland from which it used to be stated, the only thing they brought back with them when set free was their ability to swear in English. The population is probably about 85 000. The Islands are very fertile; and as animal life attains remarkable sizes and development, the Live Stock man should certainly find a field here for his activities.

Livestock Breeding in Norfolk Island.

The number of horses cattle, sheep and pigs in this island is of course insignificant, but for practical purposes there is no reason why live stock should not be reared in much greater numbers, or why the island should not develop a live stock industry, for the good of the people and with a view of acting as a Dépôt for breed animals, as so many local conditions are favourable for this pursuit. Only recently some of the local British residents acquired stallions for general service, and many of the natives breed quite good cattle. As in many other Pacific Islands, the pig is a treasured animal for the sake of its meat, and pig

breeding, now very insignificant, should be given a stimulus through the importation to the island of some good strains. The geographical position of the Norfolk Island is favourable for live stock breeding, lying between New Zealand and New Caledonia about 1,100 miles E N E of Sydney. The island is splendidly watered, and the soil very fertile. The climate is very healthy. The population is insignificant. If live stock breeding were given encouragement, probably a number of white settlers would take up residence, as life in the island would not be without a certain charm. Once upon a time the island was a penal colony.

Livestock Breeding in Rotuma Island.

The Rotuma Island also called Grenville Island lies about 12 deg lat 177 E 104 and has been under British protection since 1879 when three of the leading Chiefs offered the Island to Great Britain. The total area is about 10 000 acres the chief article of trade being copra. Administratively, the Island is now part of the Fiji Islands, and is governed from

Suva while a European Commissioner resides in the Island. According to the latest census, the population is scarcely more than 2 500, and while live stock breeding is given some attention it is by no means the main occupation of the Islanders who derive their income from the copra trade.

Livestock Breeding in Samoa Islands

The Live Stock estimate for Samoa states

cattle 7,776, pigs 21,093, horses, 1,881

The predominating cattle are Shorthorn and Hereford. After the initial period of acclimatisation is over stock in general thrive very well. It has been found however by experience that pure breeds imported from cooler climates unless carefully attended have a tendency to degenerate after a time and cross breeding is as a rule advisable.

Livestock breeding as an industry is not yet engaged in the demand for cattle for local consumption being generally supplied from the coconut plantations where cattle are extensively used as economical weeders.

HORSES—Speaking generally the type of horses at present in Samoa is of rather a nondescript type and there is most certainly room for a good deal of improvement.

SHEEP do not thrive here and invariably suffer with foot rot. Romney Marsh have been tried without success. Local requirements have so far been met by importations from New Zealand.

PIGS—Cross bred pigs do splendidly in Samoa but pig raising is conducted by the natives in a very haphazard way no particular attention being given to selective breeding. Roast pork is as in all parts of the Pacific a favourite dish with the indigenous inhabitants and there is room for good breeds.

Domesticated pigs are running in coconut plantations and are an effective enemy to the larvae of the Rhinoceros Beetle (*Oryctes Nasicornis*).

Wild pigs are plentiful in the Bush. An essential in pig raising is to recognise the importance of sufficient shade cover being always available. The principal fodder supplies are coconuts pawpaws kumalas taro bananas the first named however, the most favoured.

At present Samoa is one of the few countries where it can be said there is a total absence of any serious disease among cattle and it is hoped that this desirable immunity will continue.

The importation of well bred stallions and bulls during the past year is practical proof of an effort towards raising the standard of stock in the Territory.

A parasitic case identified as *Haemonchus Contortus* in 1923 caused considerable mortality especially among young cattle on one estate. No recurrence of the disease has since been noted at least to any serious extent.

Importations of Live Stock are generally for breeding and improvement of herds.

The introduction of a stallion and bulls Ordinance the provision of which is briefly: The castration of bulls and stallions not approved of for breeding purposes—has resulted in a decrease in the number of unsuitable animals under this heading.

Ever since New Zealand obtained Samoa as a result of the war now holding these Islands under a Mandate of 1919 a very complete system of Administration has been inaugurated. The New Zealand Parliament are granting every year £20,000 for improvements and speaking generally the material improvement all over the Islands is evident. It is noticeable that the 40,000 Samoans before the war a dwindling race are now increasing their number owing to the sanitary improvements which have taken place while water supplies and other social betterment is properly looked after. A number of smaller and less productive Samoan Crown estates—property acquired in the way of war reparation—are now under the control of the Government and coconut plantations are inaugurated. The existing land laws have of course been a great obstacle in the Government's attempts to create in the natives' mind a better appreciation of the white man's education and view points, but the three thousand *Matais*—local Chiefs—are slowly being won over to the Government's point of view. In the Tonga Island 8½ acres is being preserved for every Samoan youth for life time at a peppercorn rent and this prudent step will undoubtedly lead to improvements in agriculture and the Samoans taking a more modern view of things in their Islands.

By degrees no doubt the Samoan Islands with their wonderful fertility and healthy climate will seriously take up live stock breeding as their geographical position is such as to constitute them a handy source of production for many an Eastern country. As a pig raising country Samoa should have a great future and by degrees when pigs of good strains from Europe are imported the wild pigs in the Bush now doing much harm to the Plantations will disappear. Indiscriminate breeding however will have to be done away with a matter of some difficulty in dealing with the indigenous inhabitants.

Livestock Breeding in Solomon Islands.

This group of Islands is situated SE of the Bismarck Islands and holds a total area of 17,000 square miles. The climate is moist rather hot. The population consists of Papuan and Malay negroes. The Islands were the first in the Pacific to be discovered by the white man—in fact they were known

and charted long before Australia was discovered, as the Spaniard Alvaro de Mendana in the year 1568 sighted them and landed at one of the largest which he named Ysabel the name of his wife. The name Solomon Islands has its origin from the Spanish discoverers who believed that these islands were

original source of supply of gold from which King Solomon built his Golden Temple. The history of the Islands is full of romantic happenings as they have been cherished by many Nations. In 1893 a British Protectorate was declared over the southern Solomons while the northern group came under the sway of Germany then being part of the German New Guinea possessions. The three largest Islands now under the British Protectorate are Malaita, Ysabel and Guadalcanal, the total area under British protection being over 11,000 square miles, probably embracing 9½ million acres. The position of this Island group is nearly 1,800 miles from Sydney. While the climate is not exactly healthy with malaria fever sometimes raging, it is not nearly so bad as reputed and sanitation strictly enforced among the natives is preventing any serious outbreaks of malaria. Hurricanes are almost unknown. At an elevation of 6,000 feet on the mountains the morning temperature is seldom above 50 deg. One of the drawbacks is the number of crocodiles and the abundance of mosquitoes. The main stay in agriculture is of course the coconut plantations, much encouraged by the Government, and since the system of planting these trees 33 feet apart was adopted some years ago, whereby it is possible to plant 50 trees to the acre, it has considerably contributed to promote vigorous growth and size, resulting in large increases in the exports.

The Government have adopted a land leasing system according to which the Landholders pay 3d per acre for the first five years, 6d per acre for the next five years, 3s per acre from the 11th to the 20th year, and 6s from the 21st to the 33rd year, whereupon the

rent is paid by 5% on unimproved value—a system which has proved very attractive to settlers. The population is now probably 165,000 and the density is chiefly in the Island of Malaita. They are almost all Melanesians, some intensely black while a great number have shades from very dark to pale brown. To-day most of the natives speak English or have a fair knowledge of the language. Trade in imported articles is increasing every year, every possible commodity utilised by the white man now being readily purchased by the natives. At a distance of 200 miles from the Solomon Group lie the Santa Cruz Group of Islands, which for administrative purposes are included in the Solomon Islands Protectorate. The inhabitants of these Islands are all Polynesians in colour from the lightest shade of brown to yellow and black. They are physically a very fine race, intelligent and friendly, but always inclined to quarrel. Perhaps the most valuable of all the Islands under the British Solomon Protectorate is Bougainville, the value of which can probably not be over-rated. This Island was originally discovered by a Frenchman bearing the same name in 1768, but came into German possession in 1886. While breeding of all types of domestic animals has long taken place in these Islands, it is only lately that the Government have given more encouragement to live stock breeding, and it is felt that there is a great field for expansion. As these valuable Islands are now under Australian Protectorate, it is to be hoped that improvements in breeding may be more general. There is a valuable field for Live Stock men and specially pig and poultry breeding should be encouraged.

Livestock Breeding in Tahiti (Society Islands).

This island, the largest of the Society Island Group (Archipel de la Societe), is by general consent one of those happy islands where life seems to be one long beautiful day. The Group consists of a number of islands of which Tahiti is certainly the best developed. Among the other prosperous islands are Tahao, Raiatea and Huahine. They lie in two groups in the South Pacific Ocean and were claimed by France for a number of years prior to being formally annexed in 1880. The navigator Capt Cook in 1769 visited them, but in Spanish annals it is stated that Pedro Fernandez de Quiros reported having discovered the islands in the year 1606. They are still ruled by a native sovereign, but the French Government extracts taxes and in many other respects exercises dominion. The area is about 615 square miles with exceedingly fertile soil and pastures and plantations are remarkably luxuriant. The cotton plant reaches here considerable development and other tropical crops such as cocoa, coffee and sugar form the chief articles of trade, but large

quantities of copra, vanilla and mother of pearl are exported. The capital Papeete is the seat of the French Government. Recently an Experimental Farm was attached to the Agricultural Station and experiments bearing upon live stock breeding have been inaugurated. Favourable reports have been issued from time to time by the Director with whom interested parties might correspond on matters in reference to live stock breeding. There should be opportunities for a limited number of Pedigree stud animals, chiefly pigs and poultry, but also for cattle. The French Craonnais and Bayeux pig breeds have been introduced without exactly proving suitable to the native farmers, and it is likely that one or two among the American breeds would be found more suitable, and a smaller British breed such as the Berkshire would probably meet with success if imported. No live stock census has been recently taken, but neither the number of cattle nor of sheep and pigs is large.

Livestock Breeding in Tonga Islands.

SE. of the Fiji Islands in the South Pacific Ocean is the Tonga group of islands sometimes also called the Friendly Islands. No live stock breeding is here carried on in organised lines but numbers of pigs and sheep are bred in several of these islands of which there are 157 in number, but only 27 of these are inhabited. Discovered in the year 1653 by Tasman and visited again in 1777 by Capt Cook who gave them their name they came under British protection some thirty

years ago, although officially they are still under a native ruler. A local correspondent states that a considerable number of pigs could be reared and become a source of considerable income to the owners, as there would be a constant demand for live pigs all over the islands. The largest in the group is the Tongatabu island with the capital Nukualofa and other islands suitable for pig breeding are Kotu Hapai, Eoa, Tofoa Vavau and Annamuko.

Livestock Breeding in Torres Straits Islands.

This group of Islands north of Queensland most likely volcanic fragments of the Australian Continent consists of a number of small and a few larger Islands once upon a time the scenes of much adventure when pearl fishers used to dive into the waters for some of the most magnificent pearls ever brought from the sea. The original inhabitants were then cruelly treated by these unscrupulous adventurers who brought them to slavery, almost to the point of race extinction until at last the Queensland Government adopted the

Aborigines Protection Act since when the natives have been free to pursue their own life and develop their own propensities. These natives are tall of a fine physique mentally highly intelligent and many of the women have quite attractive features. Among the most notable of the various Islands are the Mulgrave Island where the native women are experts in lace

making the York Island, the Darnley Island and the Murray Island not forgetting the Thursday Island from which the narrow Strait between Australia and Asia is dominated. In all of these Islands vegetation is luxuriant. The British influence has made for the good of the natives, and social conditions are generally speaking excellent. A tour over the Islands always proves interesting as the native villages bear witness to great contentment among the inhabitants and the scenery is everywhere exceedingly beautiful. The people are interesting and most amenable in their daily life. While the soil is exceedingly fertile agriculture is not specially developed, but garden products excel. Live stock breeding is not developed but there should undoubtedly be room for an extended breeding of pigs.

Livestock Breeding in Wallis Islands.

These Islands small in size but of a certain importance, have been under French protection for nearly forty years and in 1917 were definitely annexed by France and are now counted as a Colony. Under the French Government conditions have enormously improved and the trade in copra is increasing every year. During the last 20 years cocoa and vanilla have made headway and the plantations are every year extended. The sister Island Futuna is likewise of very great fertility. The French Resident resides at Matakutu. The import trade comprises articles of household description textiles tinned goods cutlery, etc., the value of which is comparatively speaking, surprisingly large testifying to the purchasing ability of the inhabitants the number of whom is now close on 5,000. Pig breeding should easily assume large proportions and

apparently there is a field for suitable strains, such as the Berkshire pig or the Duroc Jersey breed. There should also be other opportunities for Live Stock men as the natives are among the most indolent lazy and pleasure loving island-races, almost impossible to induce to do remunerative work. It is a fact that nobody works until absolutely compelled for the want of money, and thus it happens that the beautiful cocoa-nut groves, vanilla plantations etc., are more often than not left in a much neglected condition. A very good type of horse is bred, utilized in the transport of copra. The country is remarkably fertile with splendid valleys and a number of rivers. Islands are chiefly mountainous or hilly magnificent road system has been inaugurated. French

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